

FIG. 1

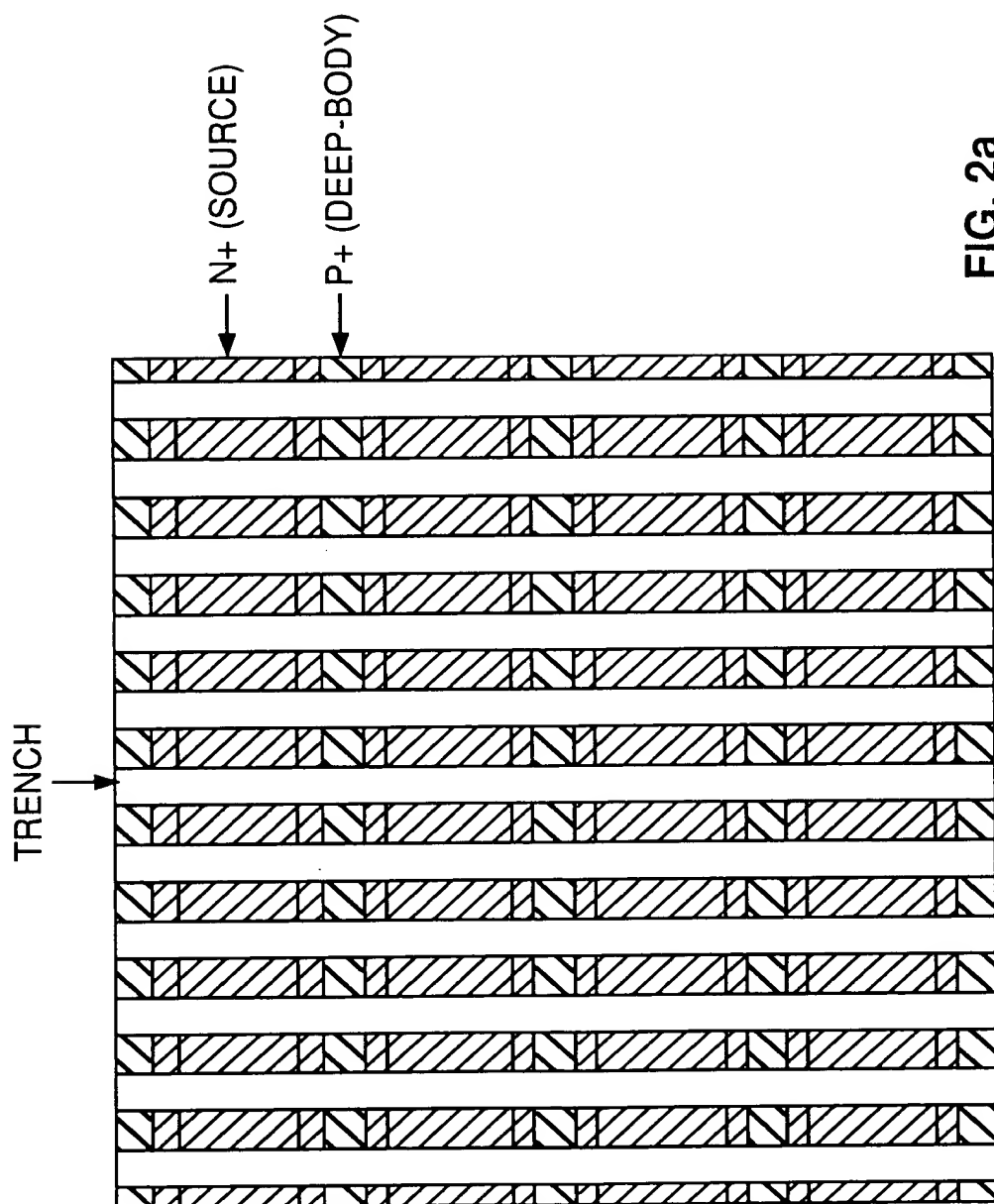


FIG. 2a

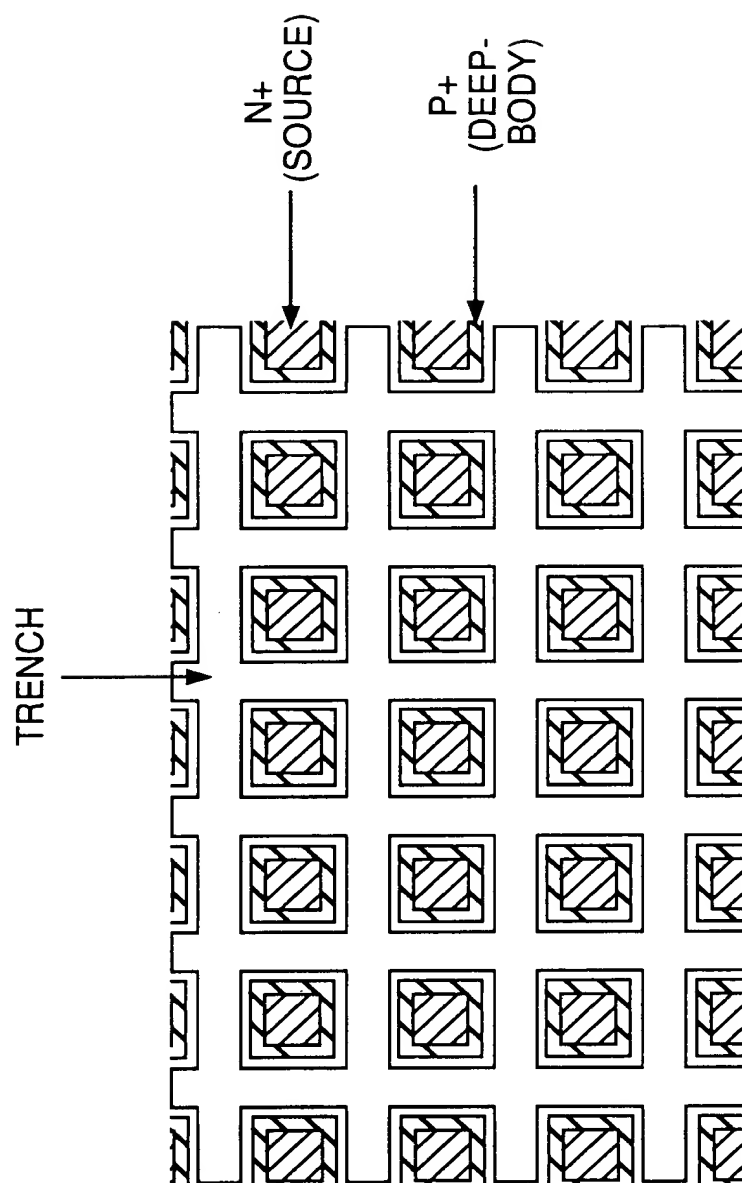


FIG. 2b

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VERT/DIV
10 mA
CURSOR
0.1 mA
HORIZ/DIV
5 V
CURSOR
-0.45 V
PER STEP
500 mV
OFFSET
0 mV
B or gm/DIV
20mS
AUX SUPPLY
0.00V

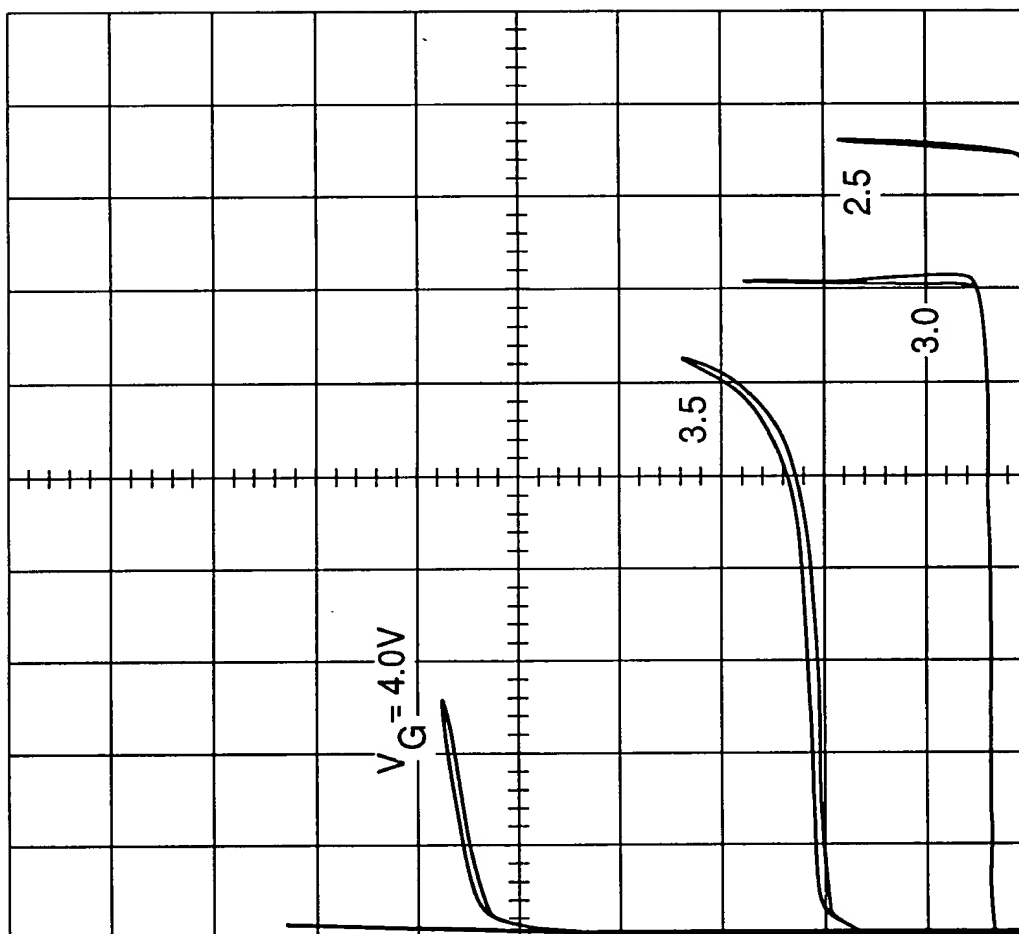


FIG. 3a

A2.4/QD5.3



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VERT/DIV
10 mA
CURSOR
0.1 mA
HORIZ/DIV
5 V
CURSOR
-0.15 V
PER STEP
500 mV
OFFSET
0 mV
B or gm/DIV
20mS
AUX SUPPLY
0.00V

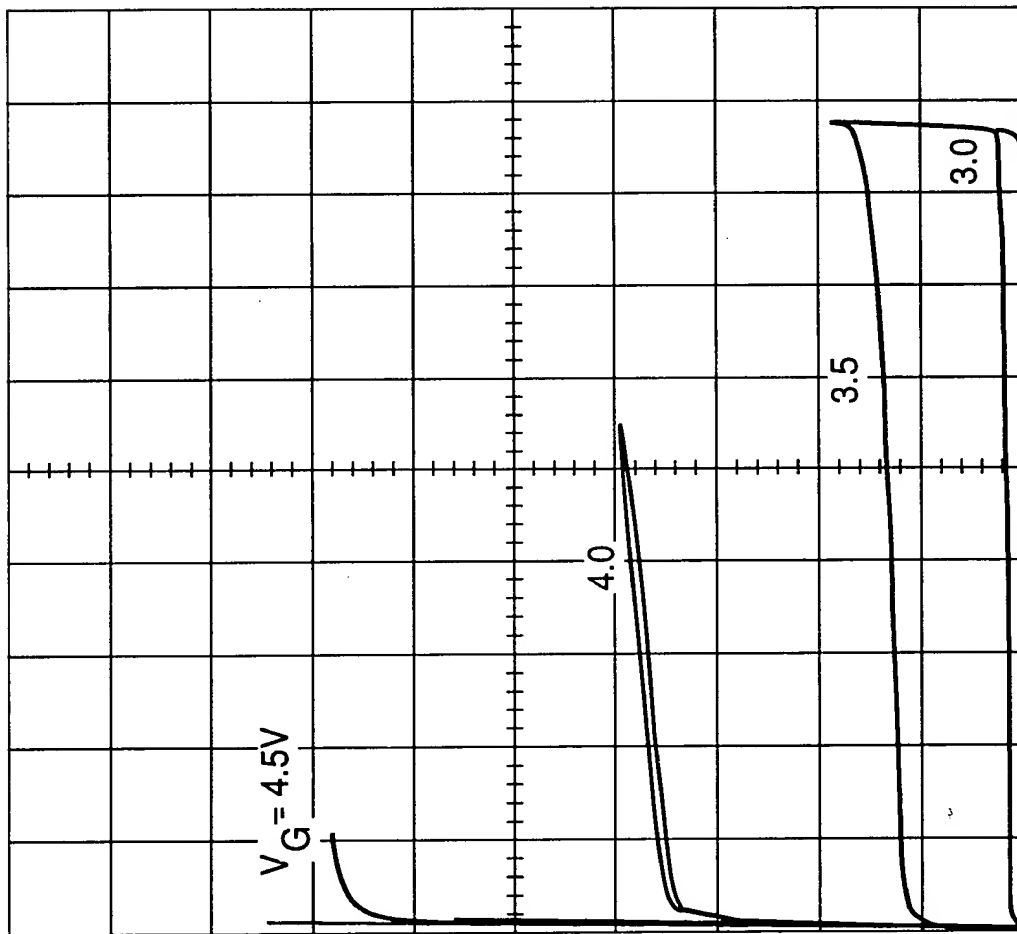


FIG. 3b

A2.1/QD5.3

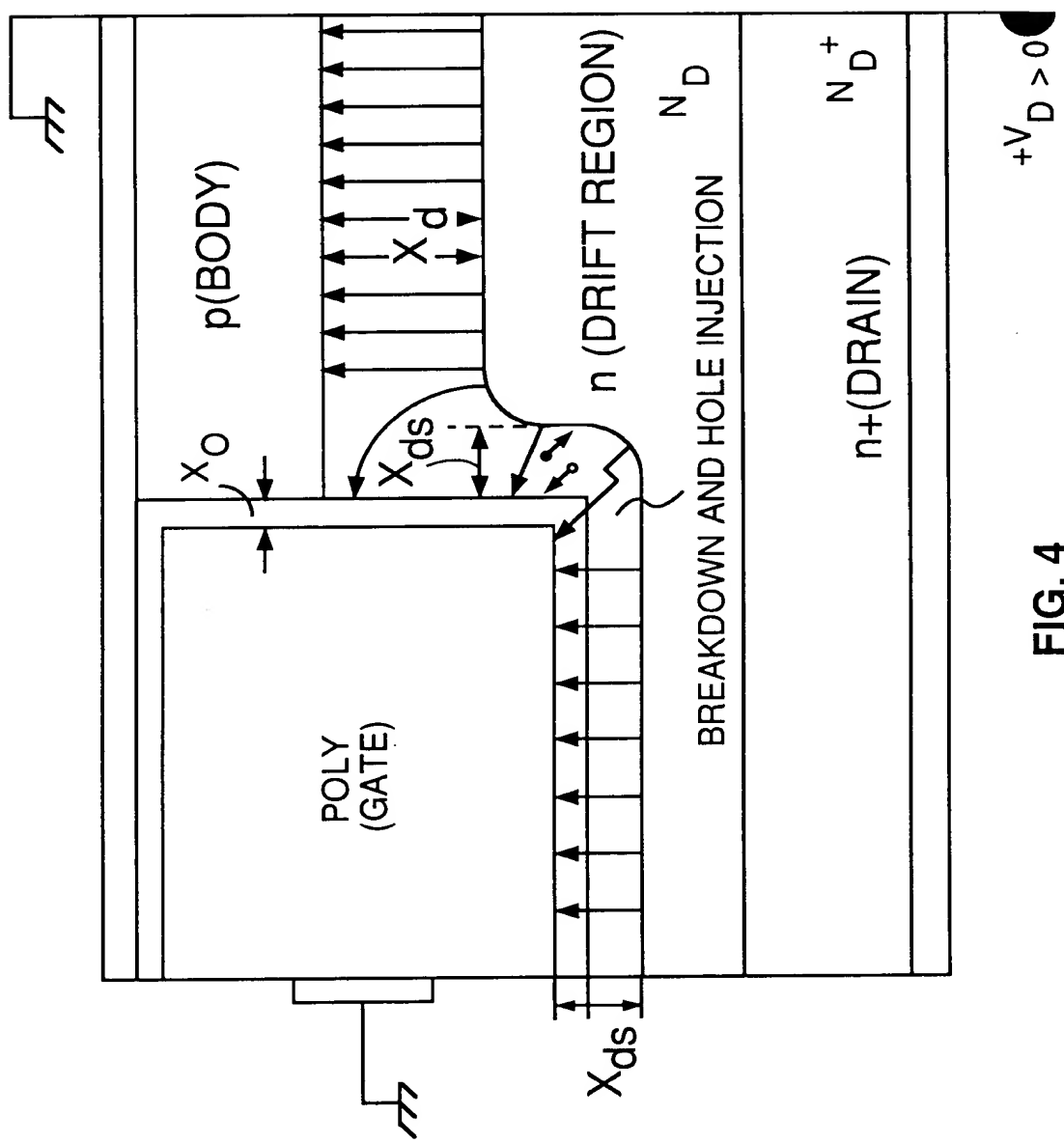


FIG. 4

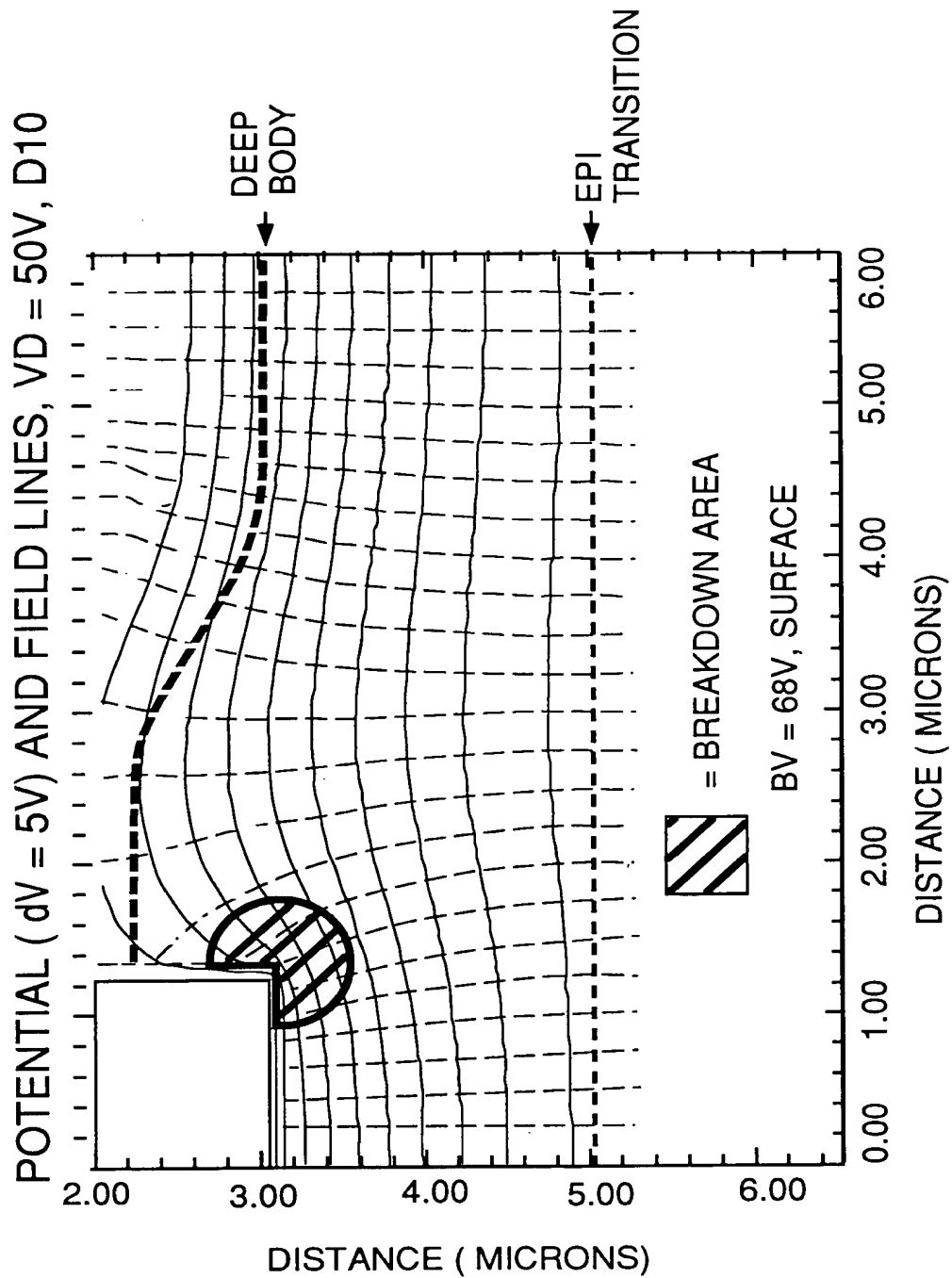
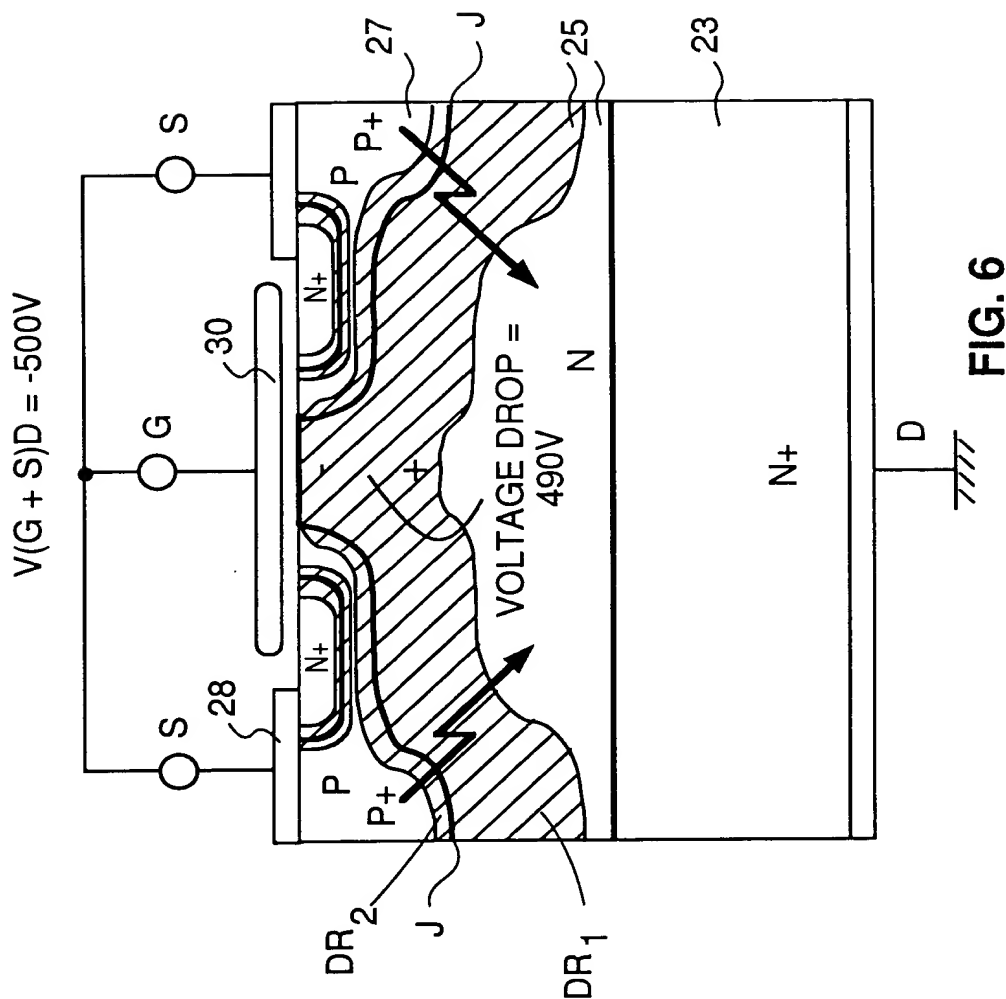


FIG. 5



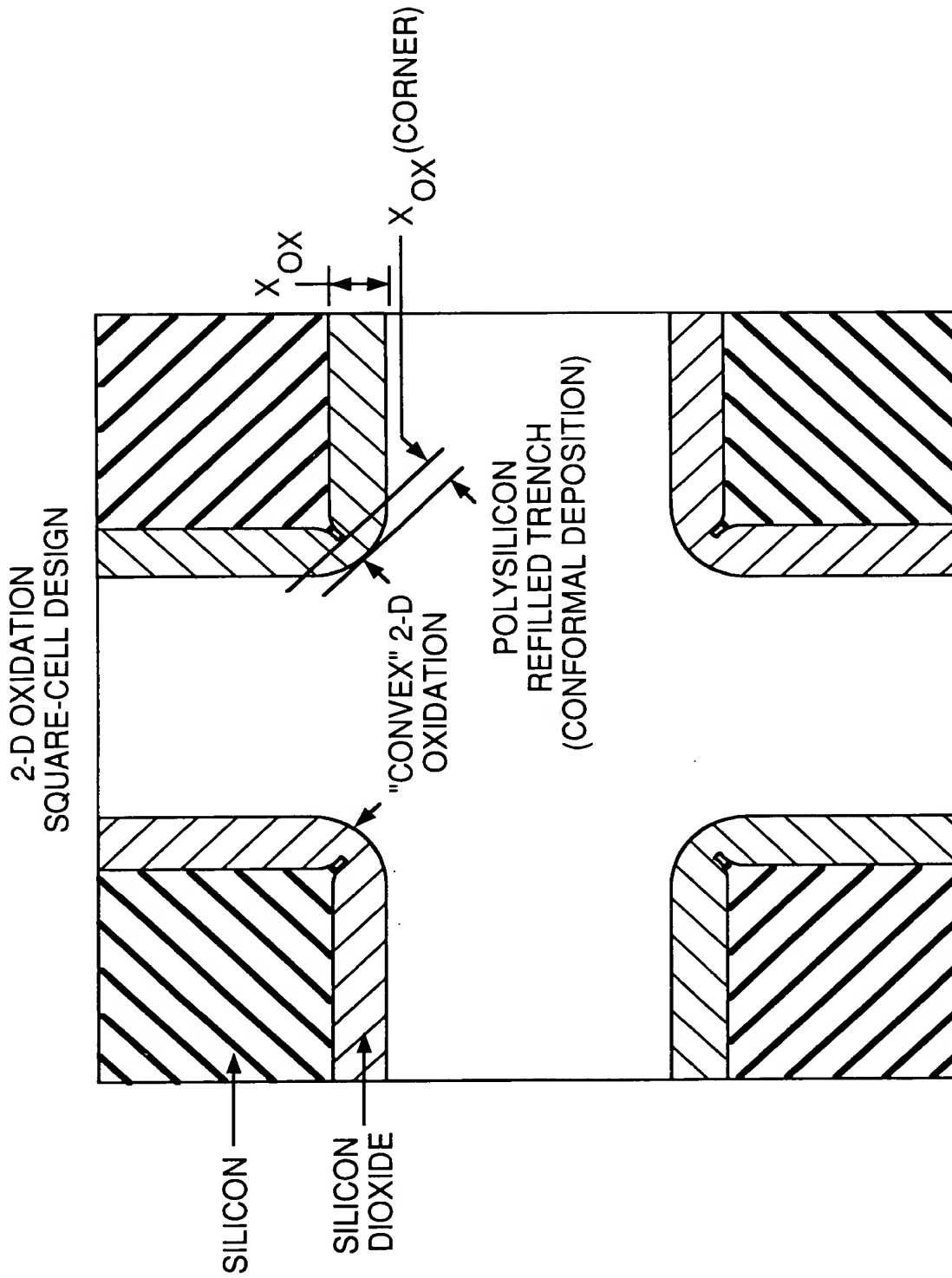


FIG. 7

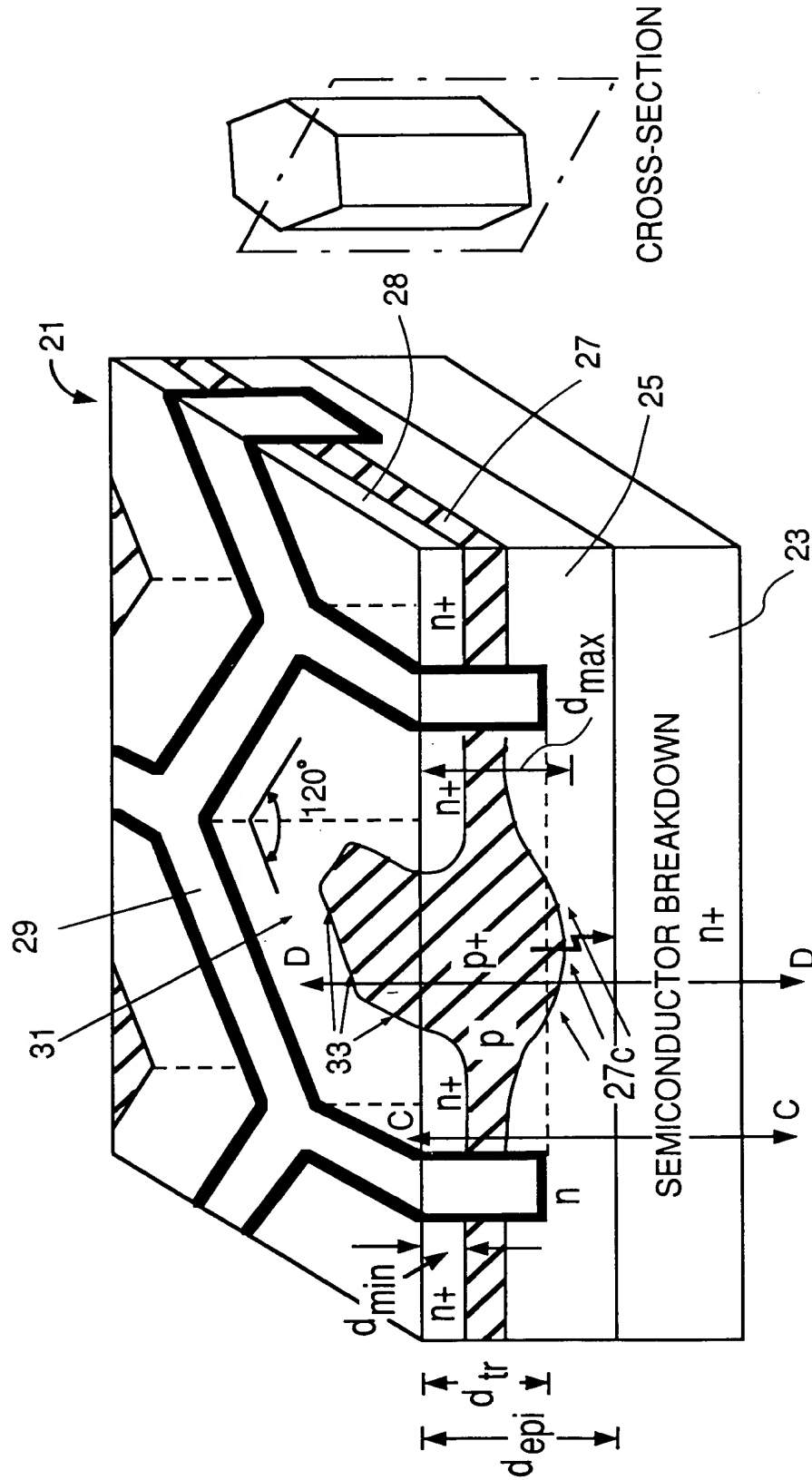


FIG. 8

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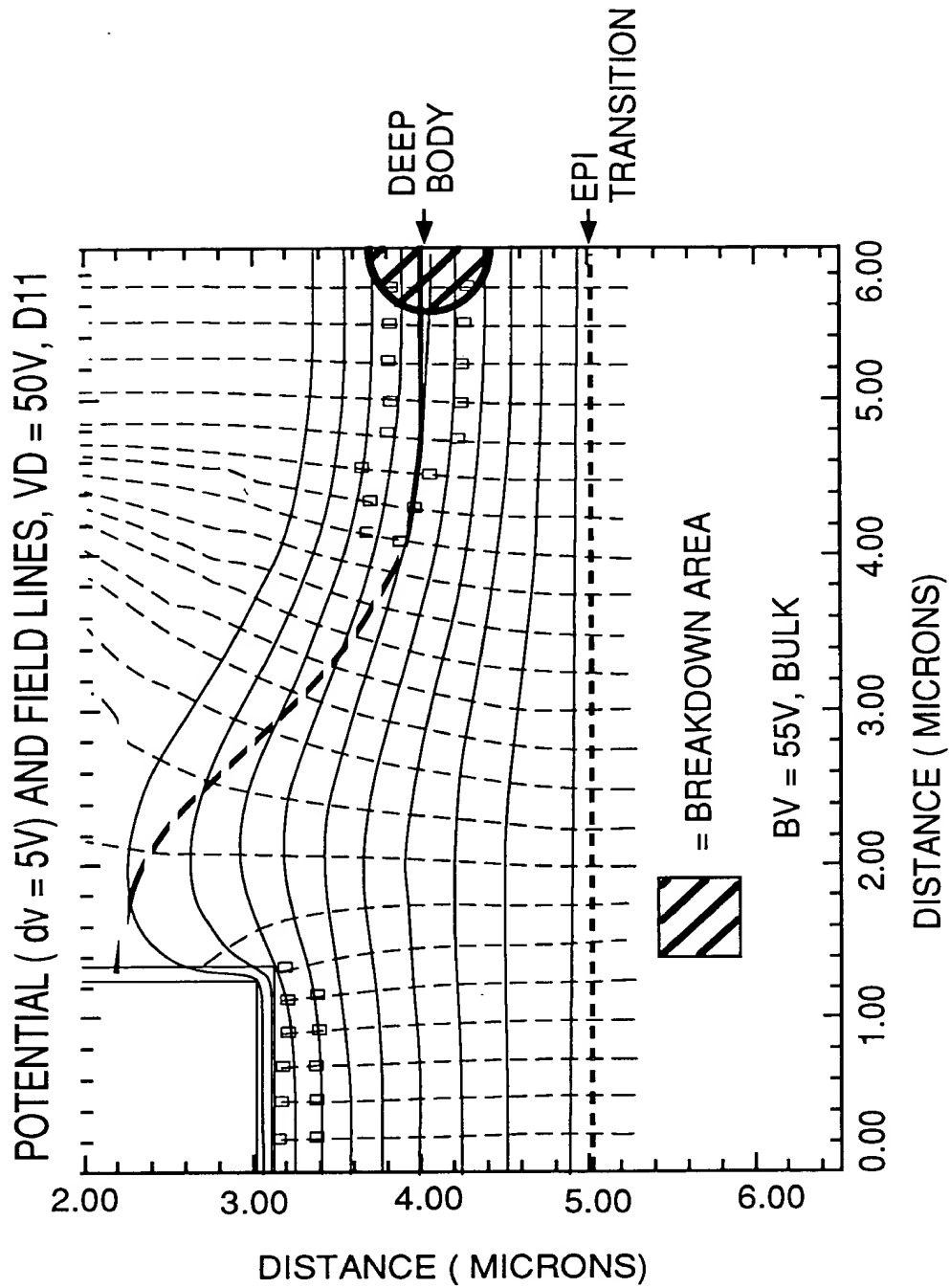


FIG. 9

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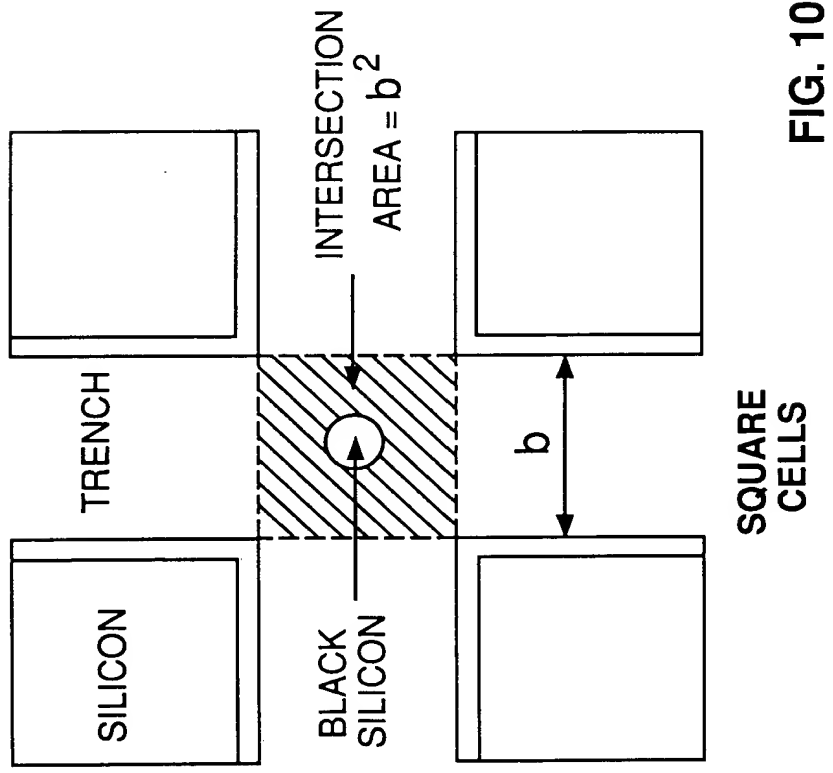
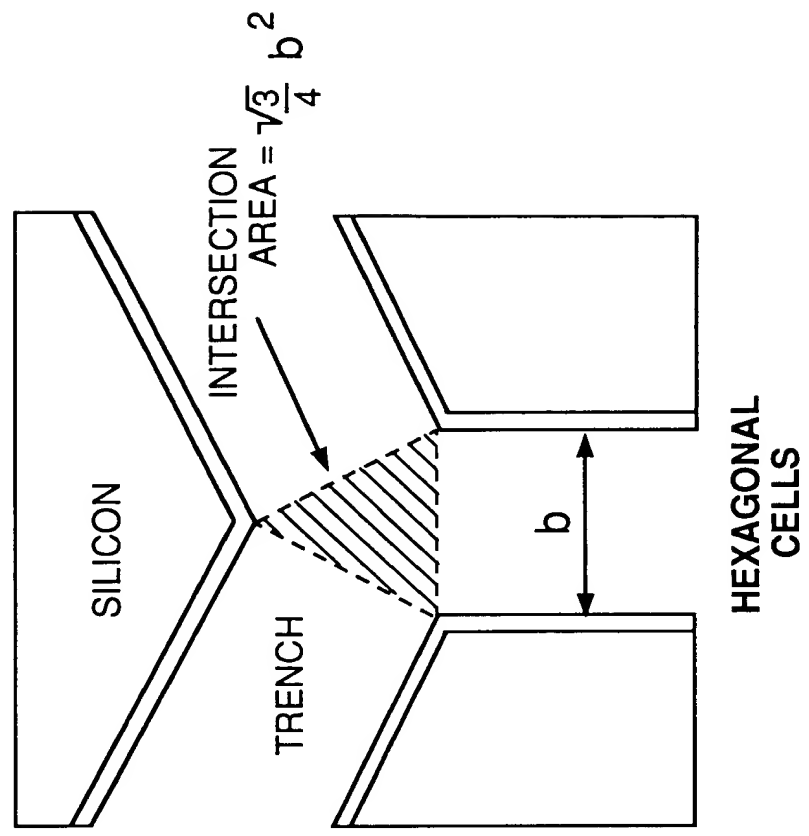
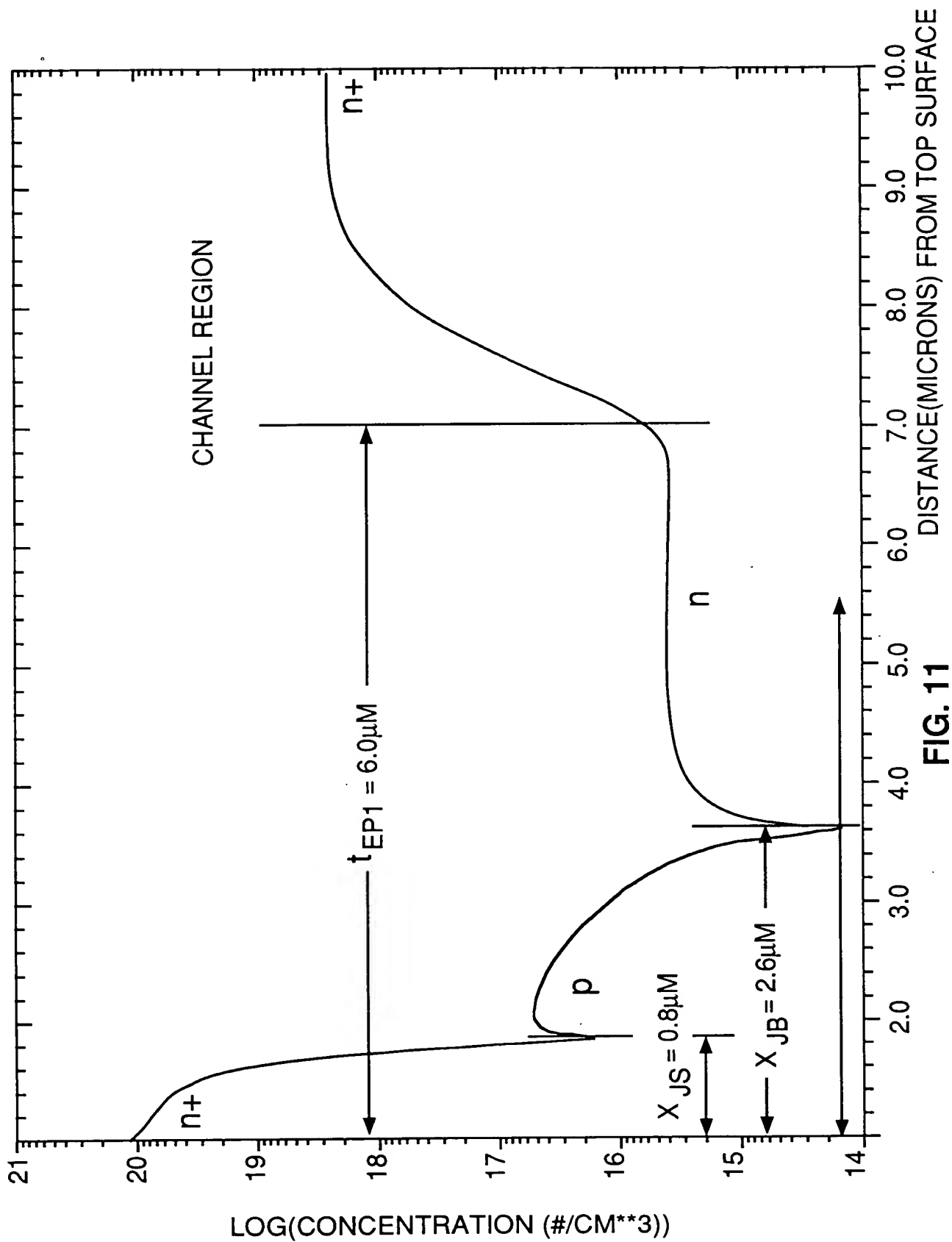
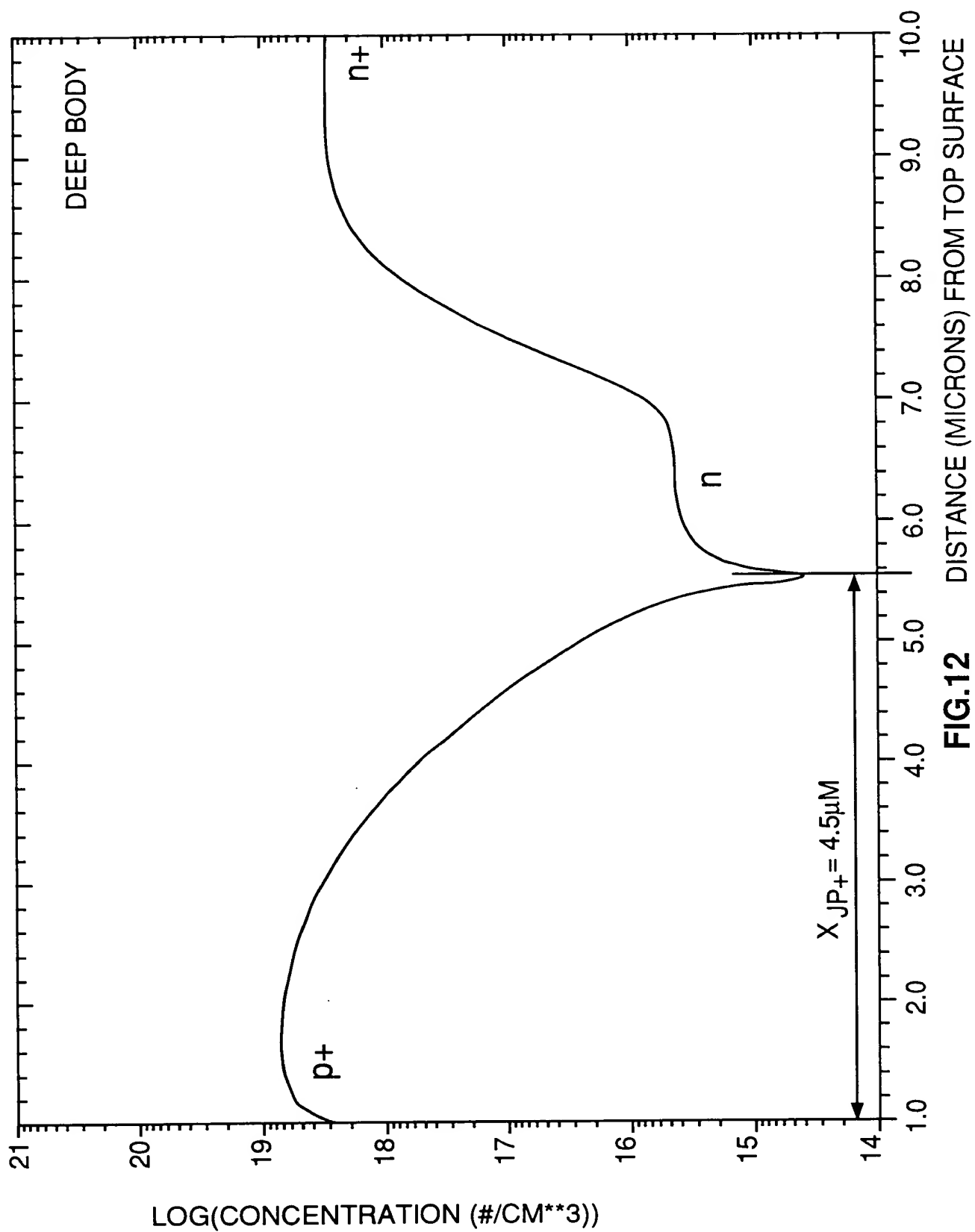


FIG. 10



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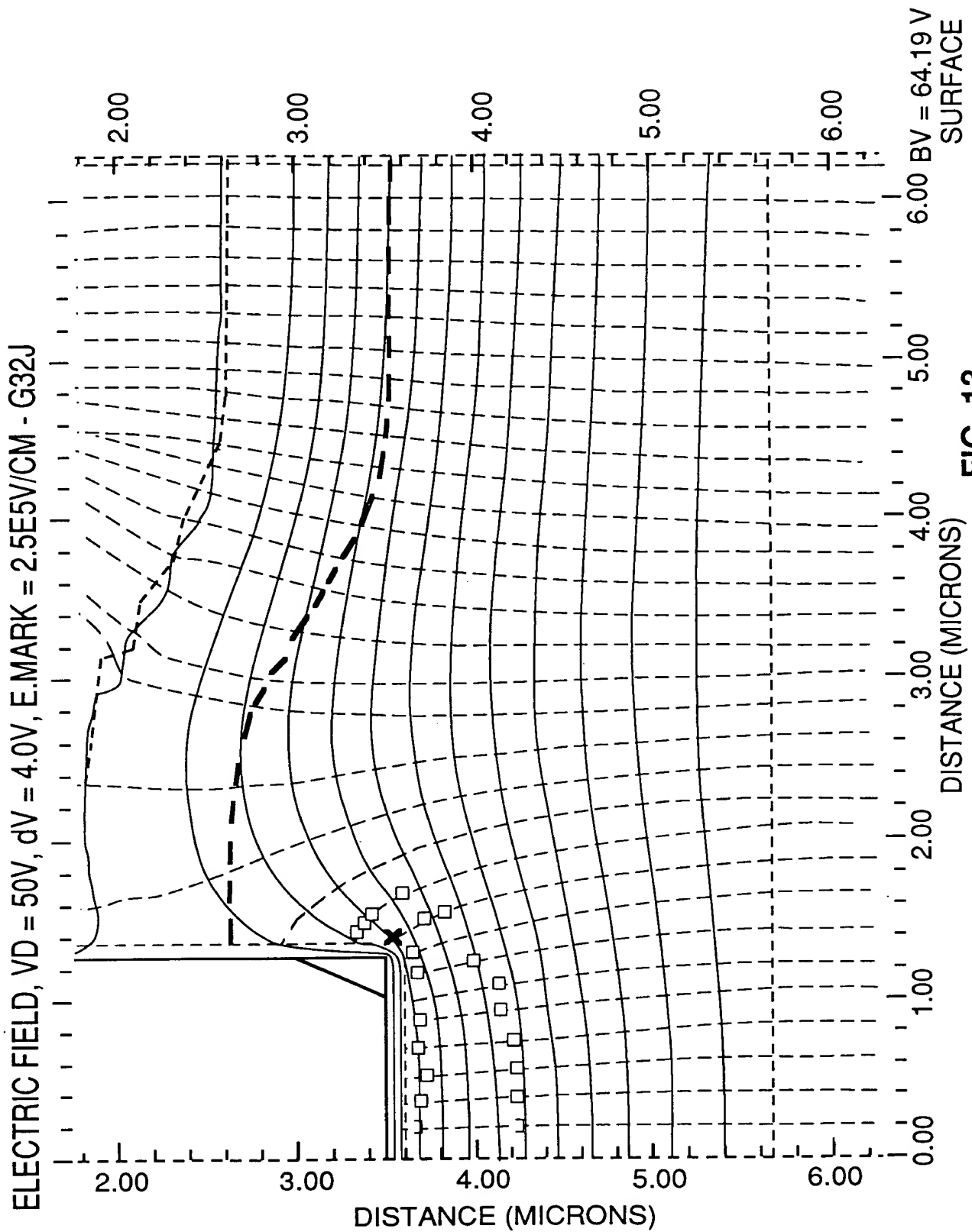


FIG. 13

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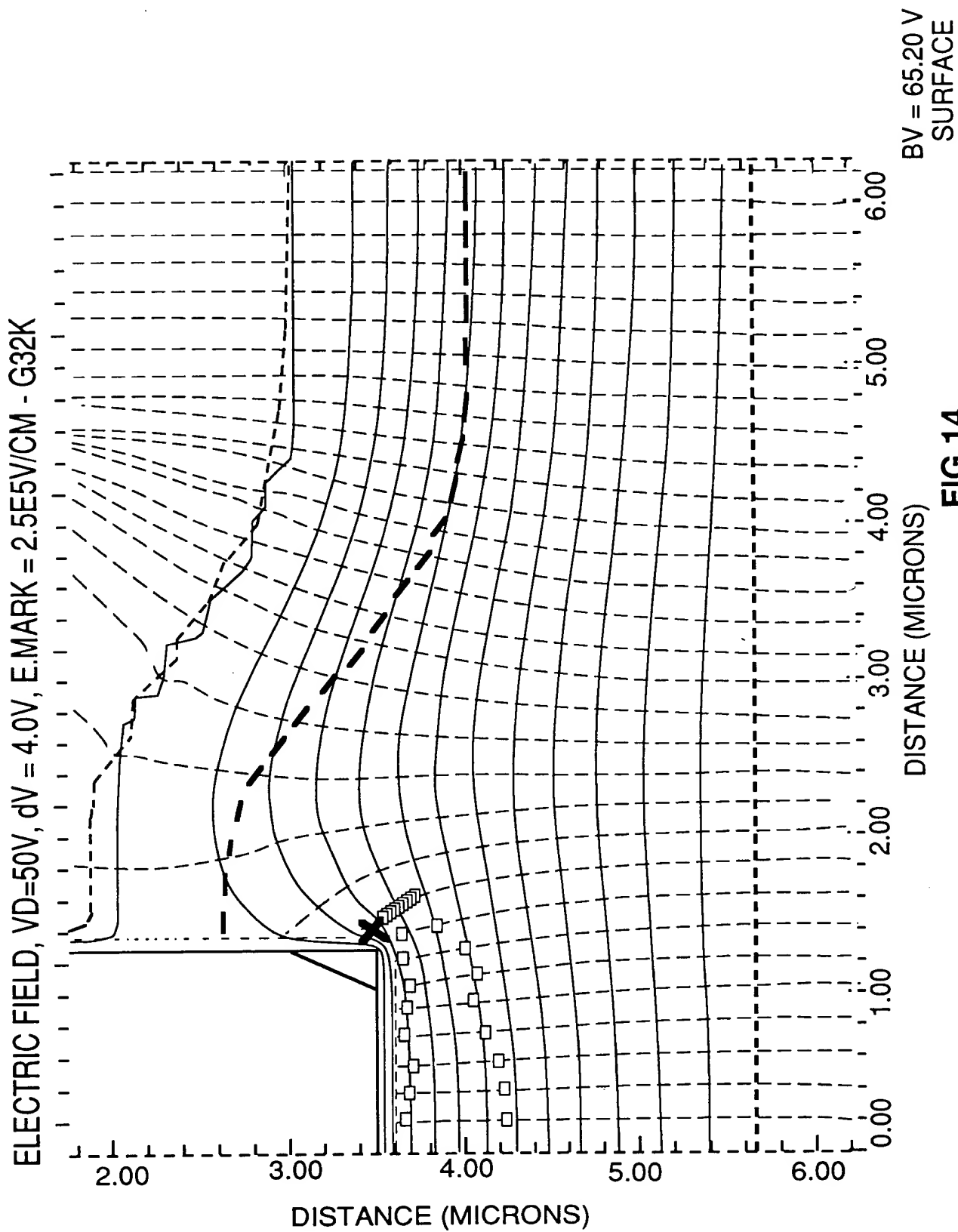
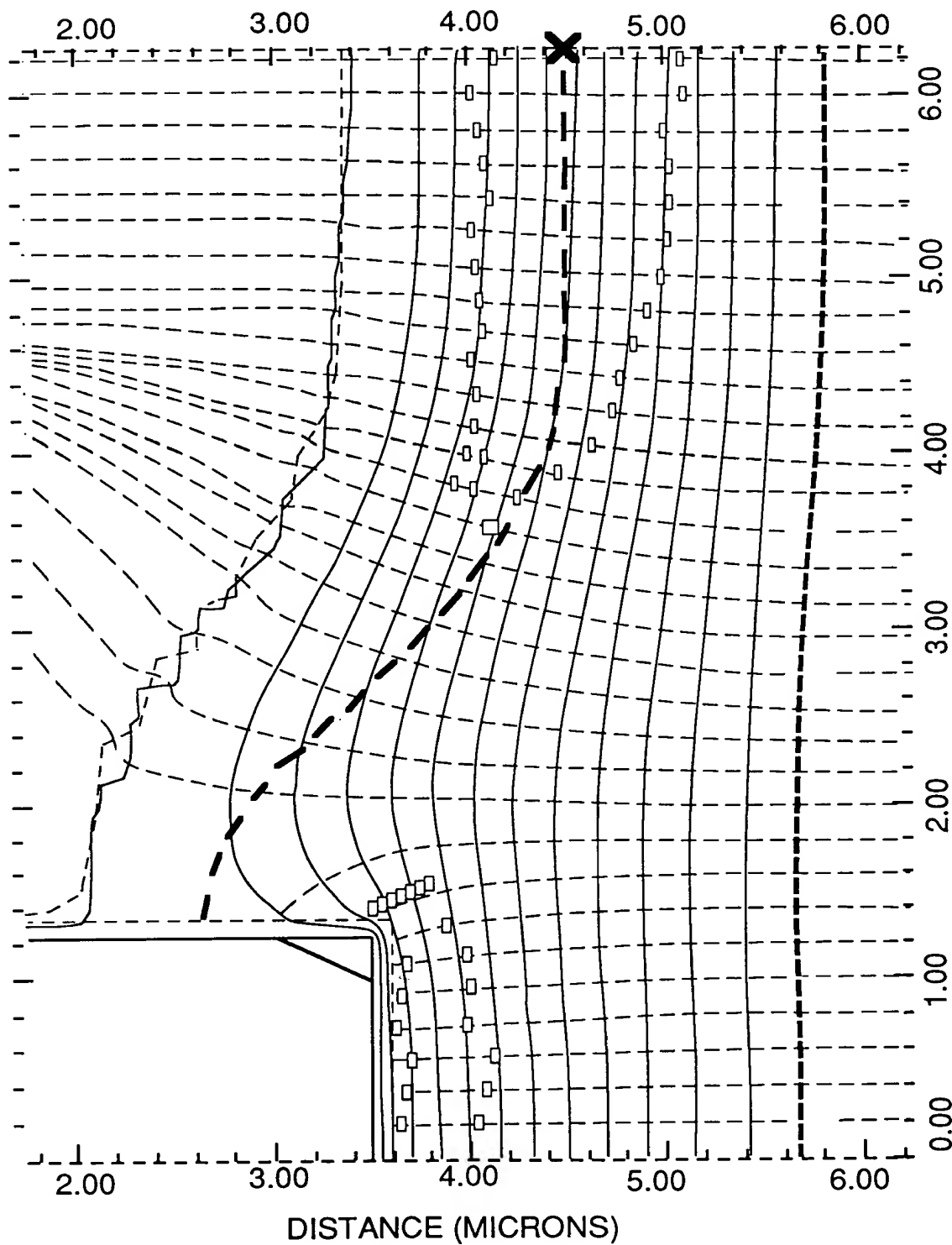


FIG.14

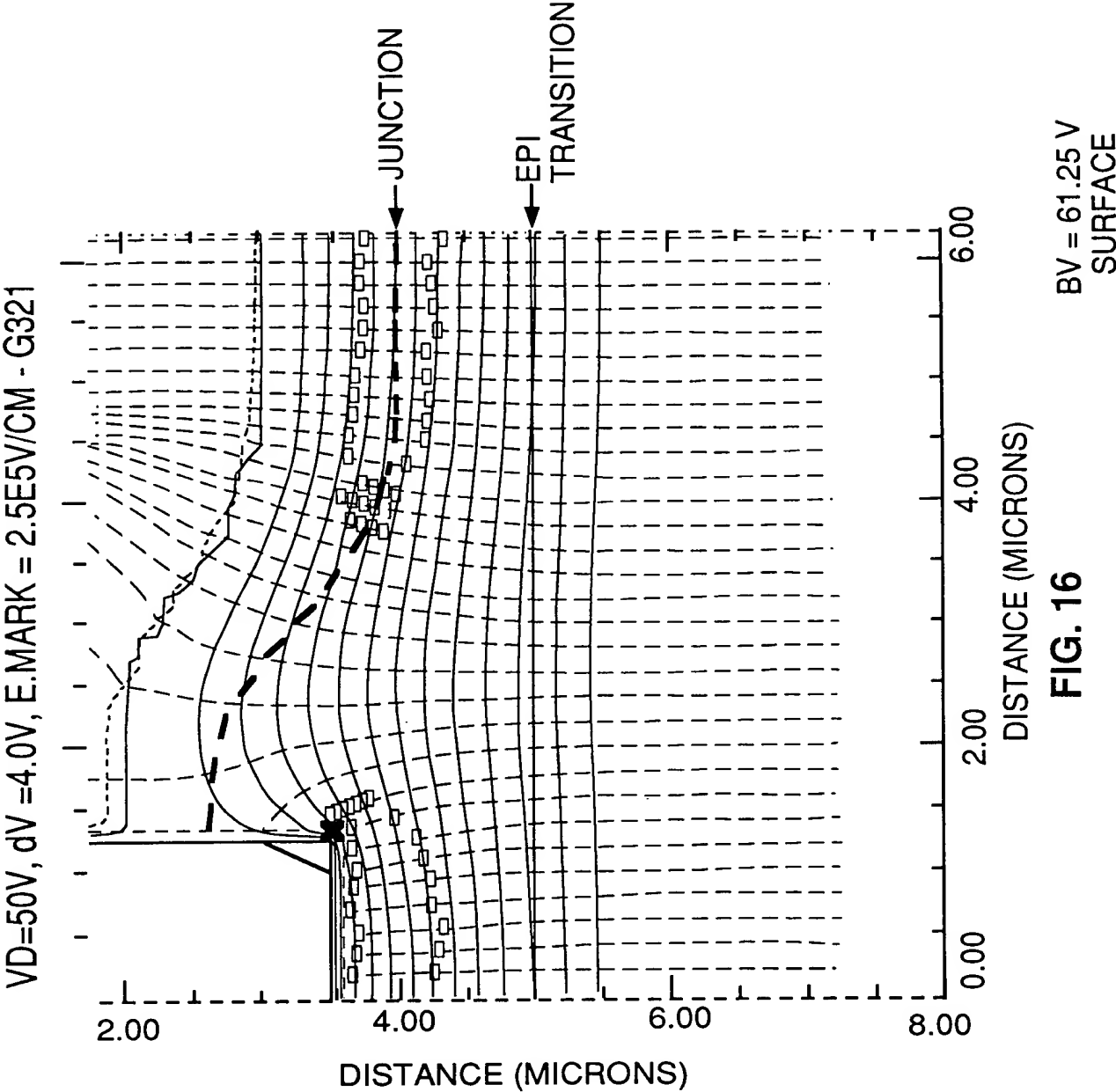
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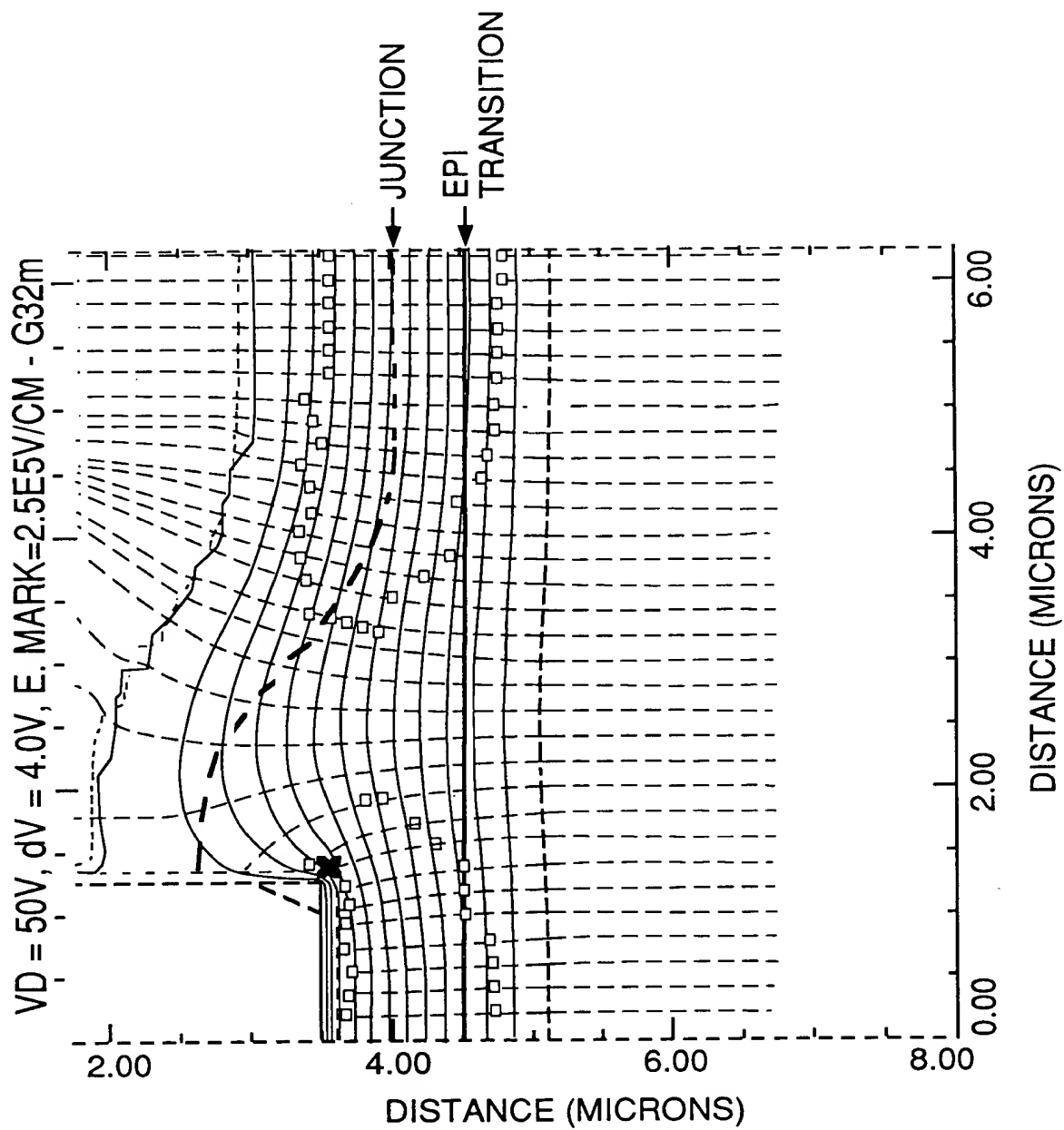
ELECTRIC FIELD, $V_D=50V$, $dV=4.0V$, $E.MARK=2.5E5V/CM$ - G32



$BV = 61.81 V$
BULK

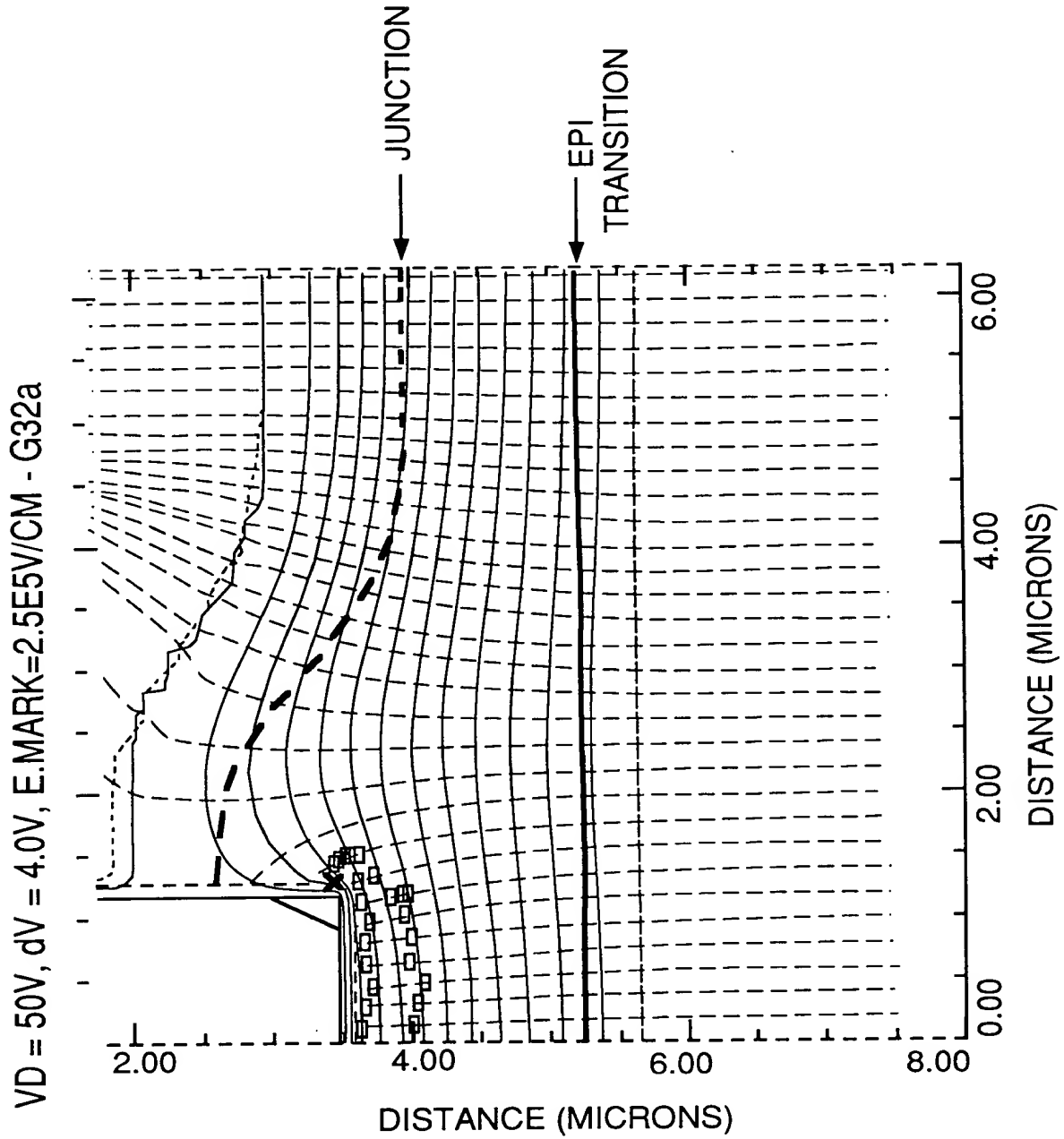
FIG. 15





BV = 52.67 V
SURFACE

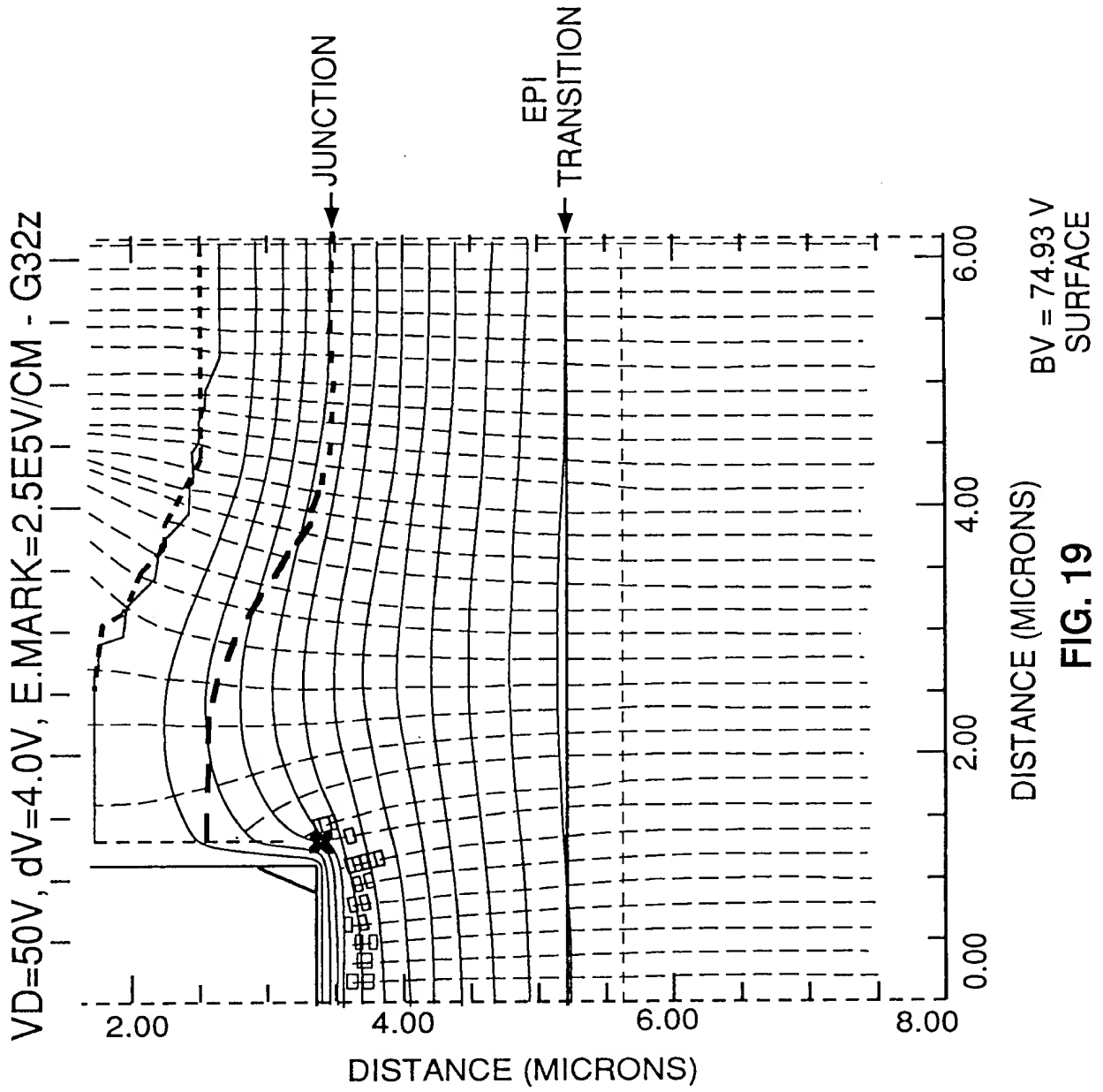
FIG. 17

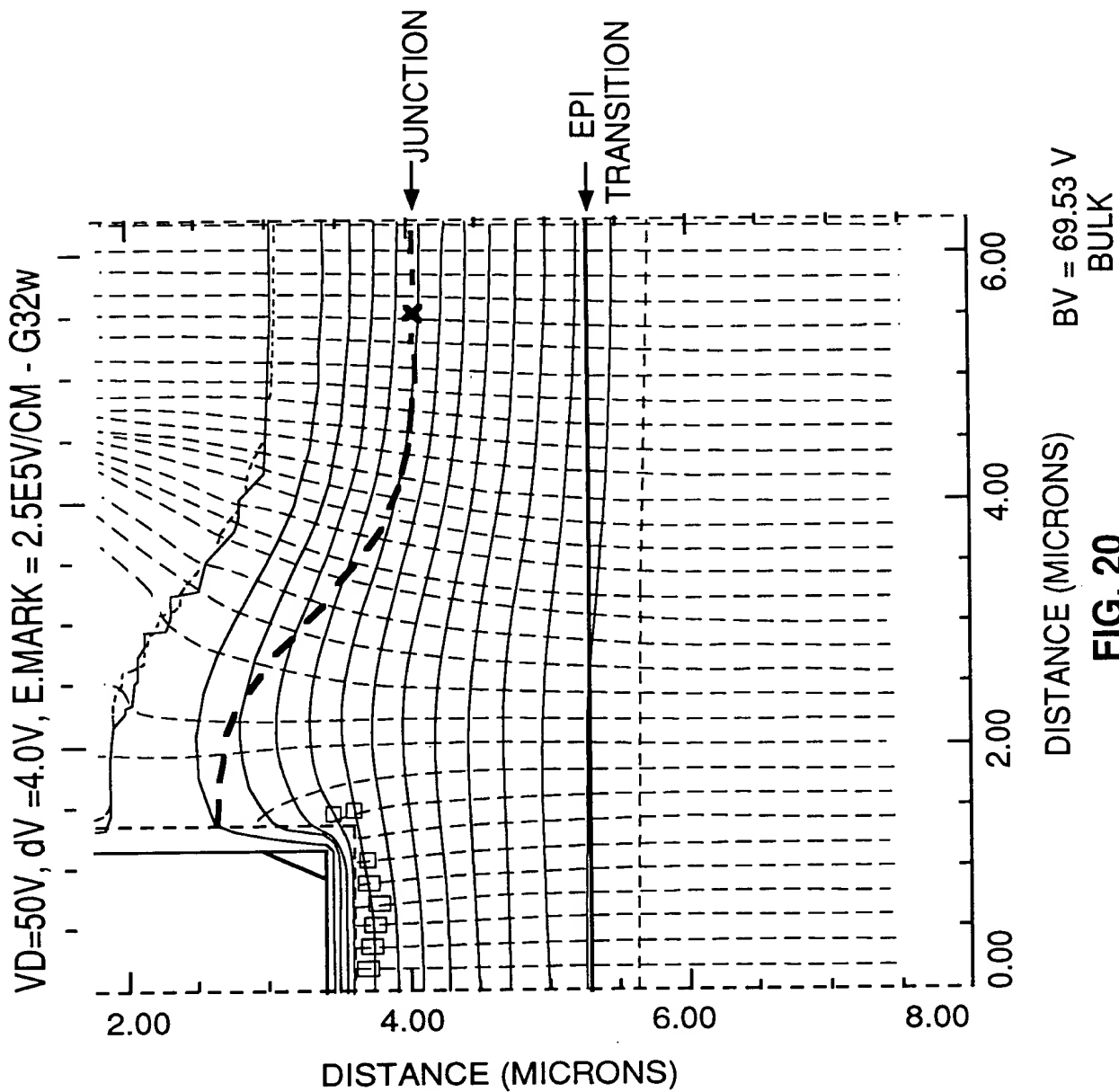


BV = 67.46 V
SURFACE

FIG. 18

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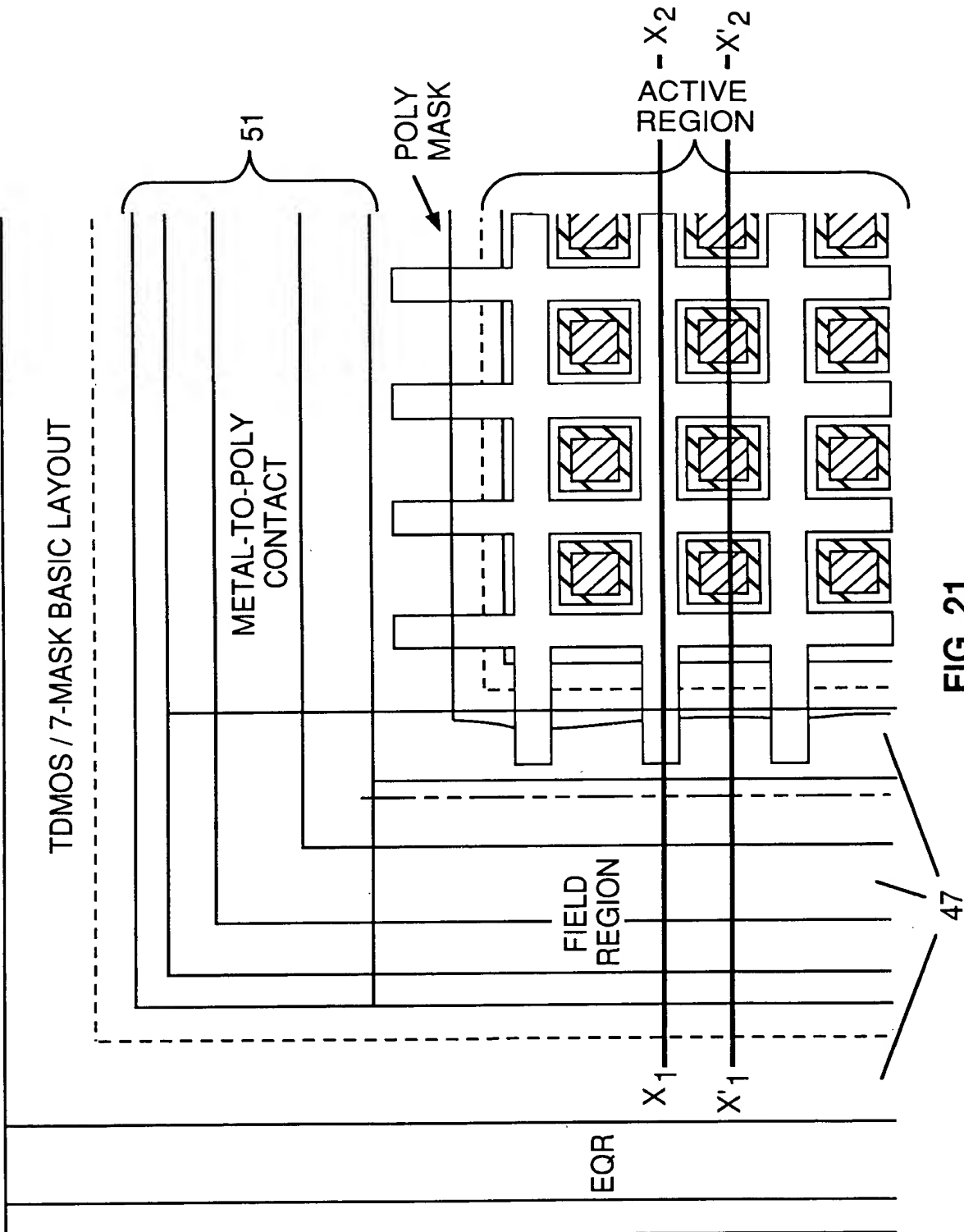


FIG. 21

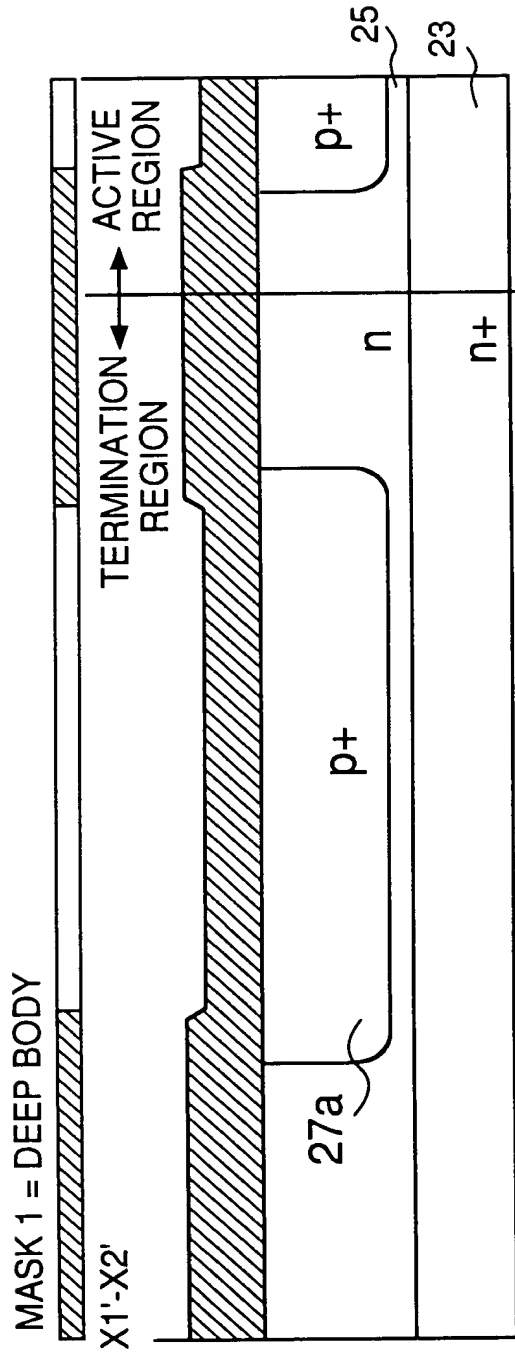


FIG. 22A

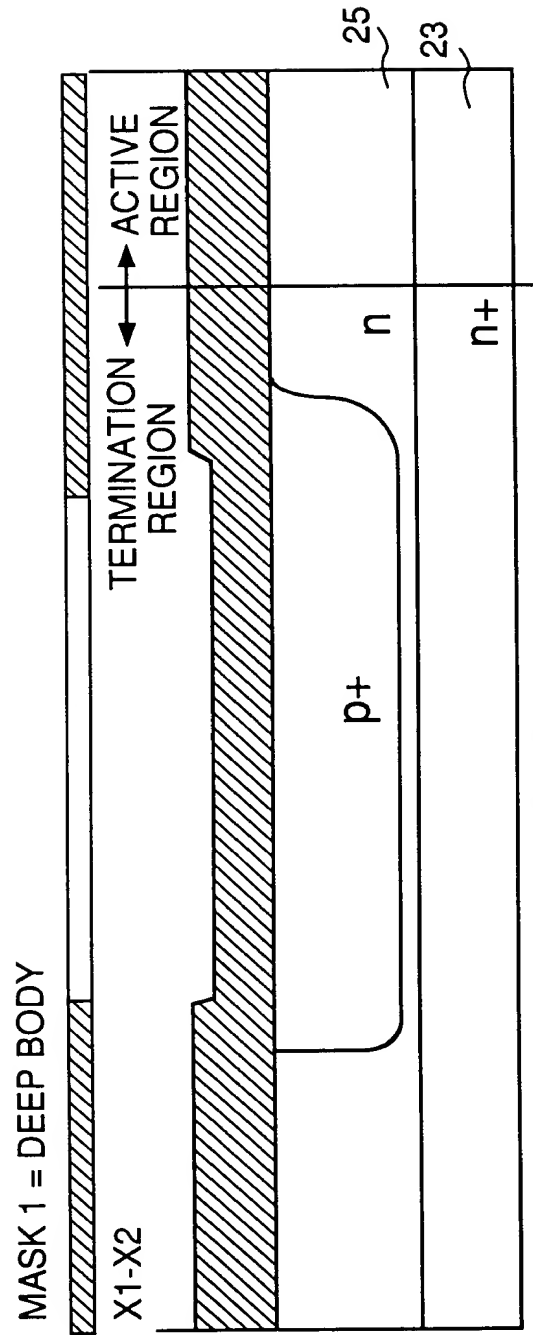


FIG. 22B

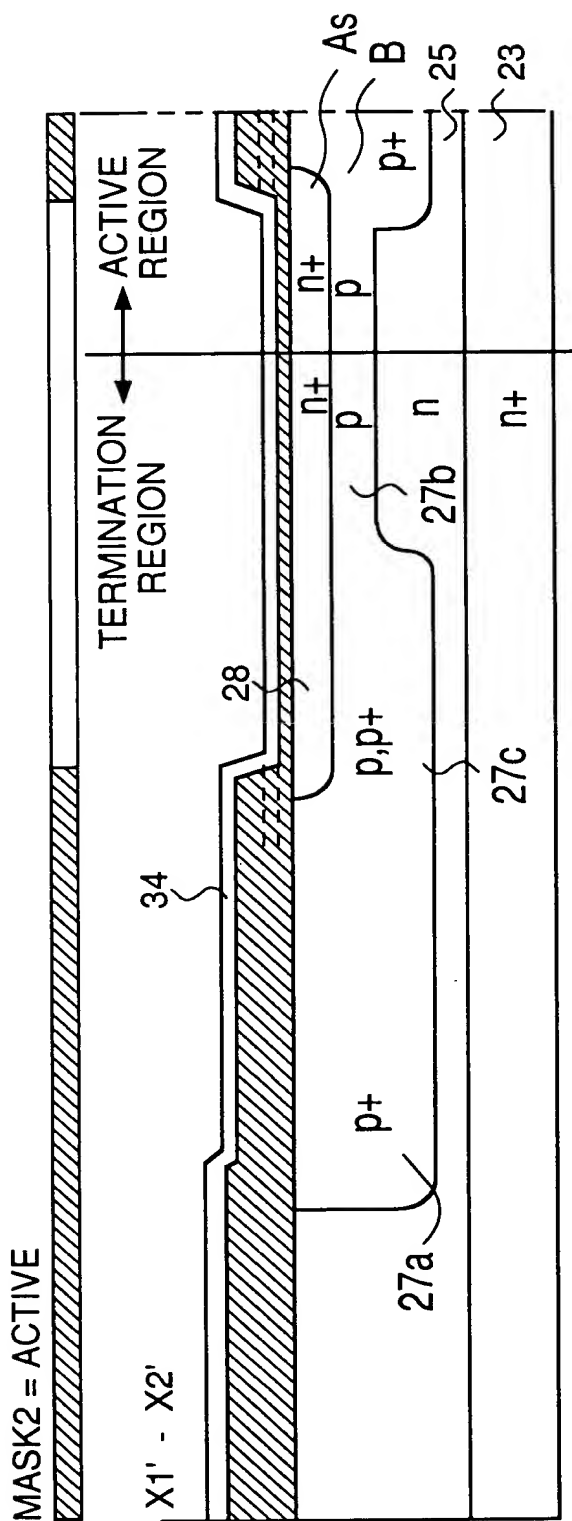


FIG. 23A

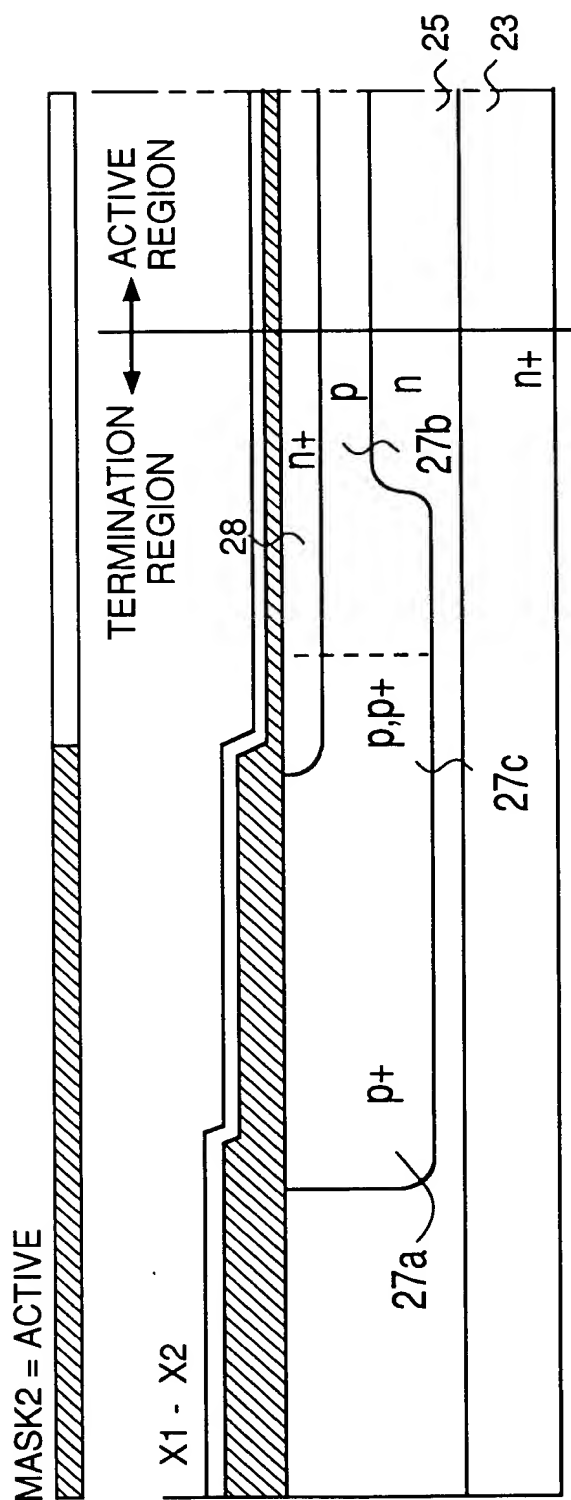


FIG. 23B

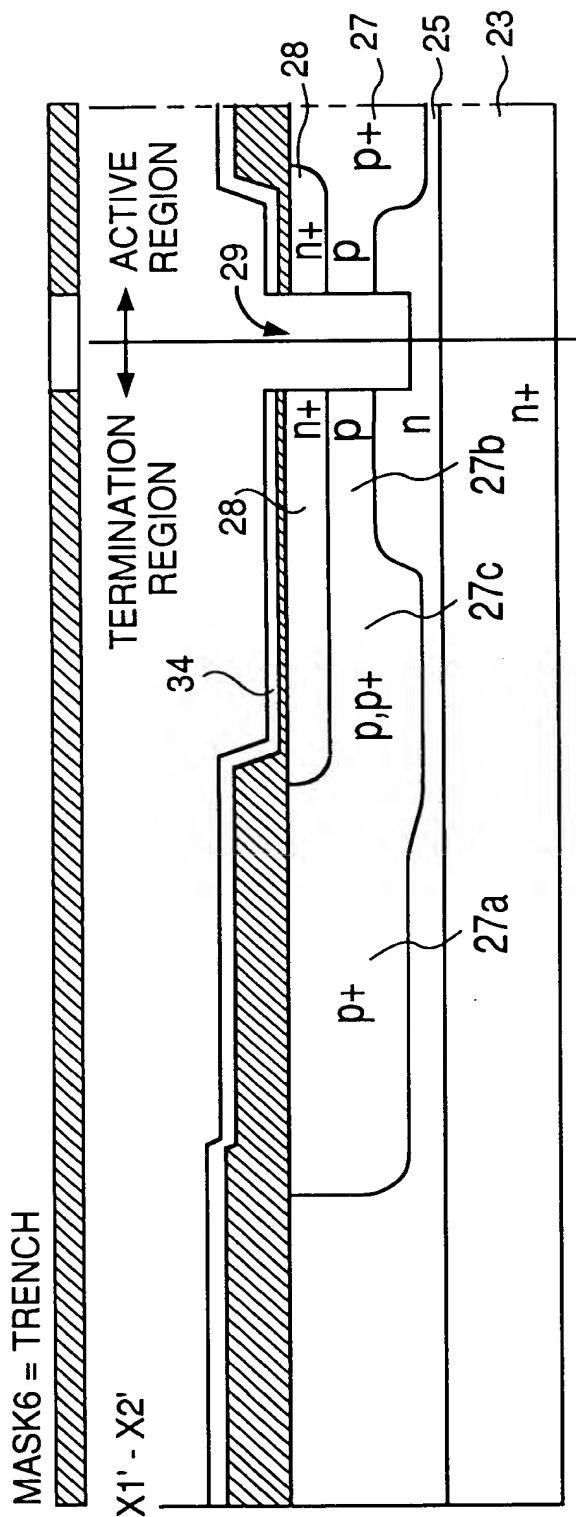


FIG. 24A

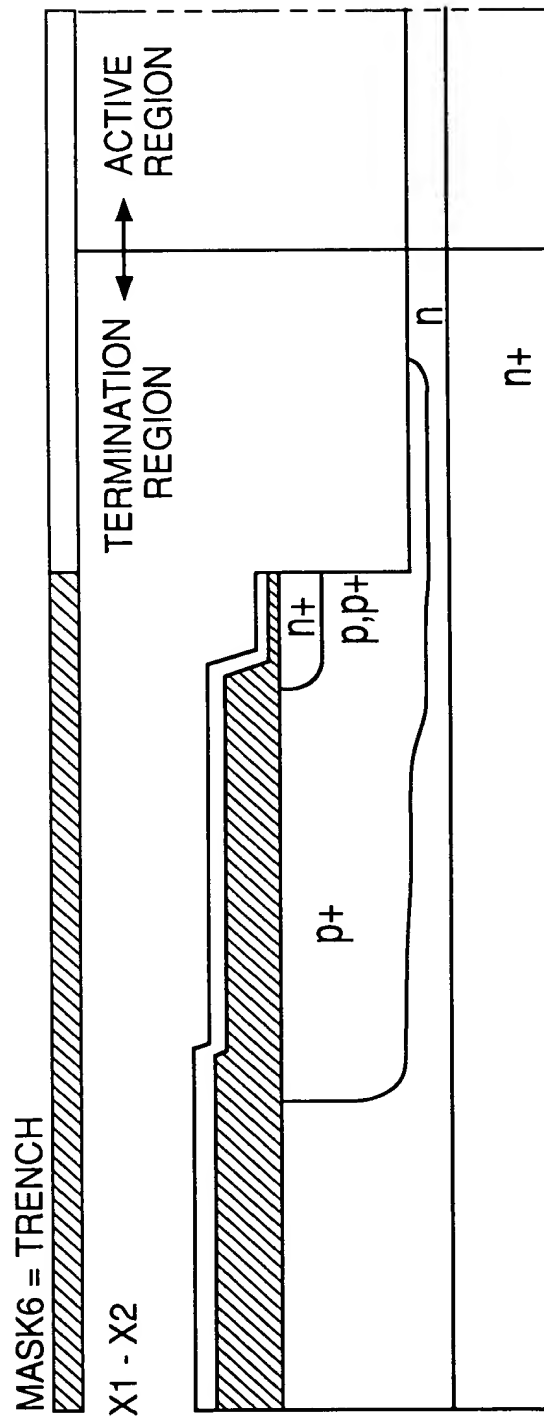


FIG. 24B

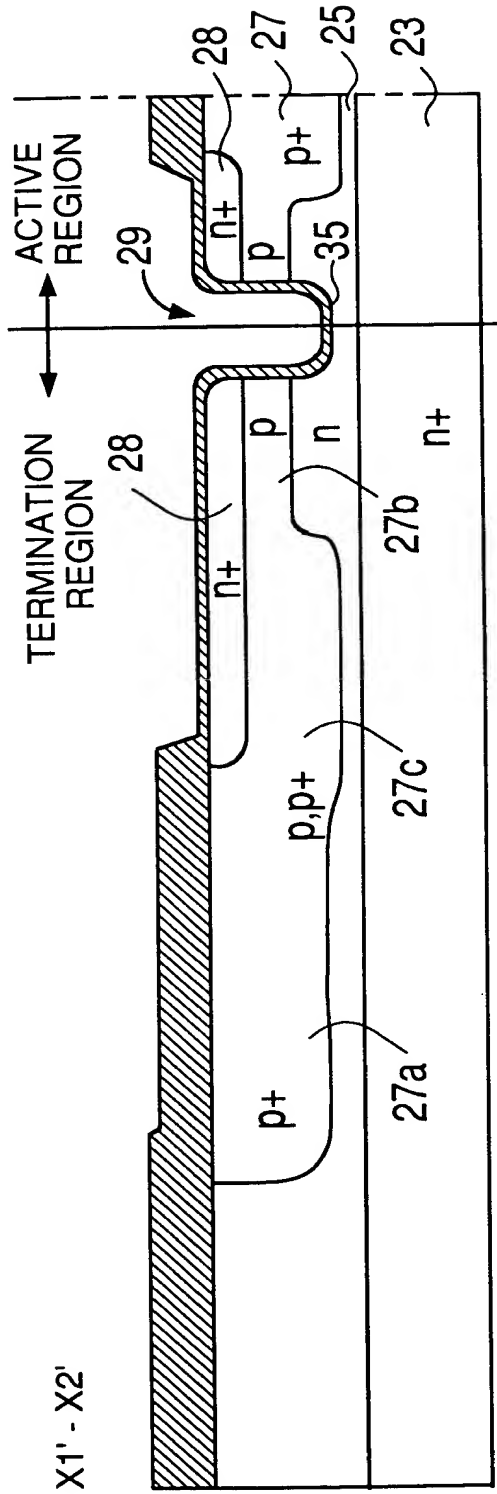


FIG. 25A

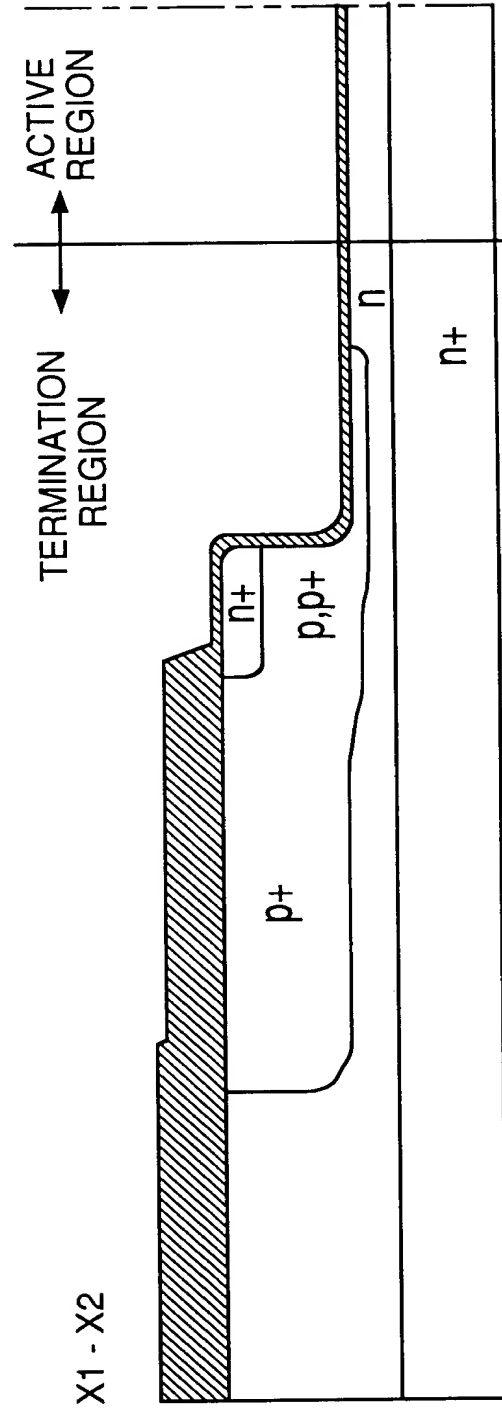


FIG. 25B

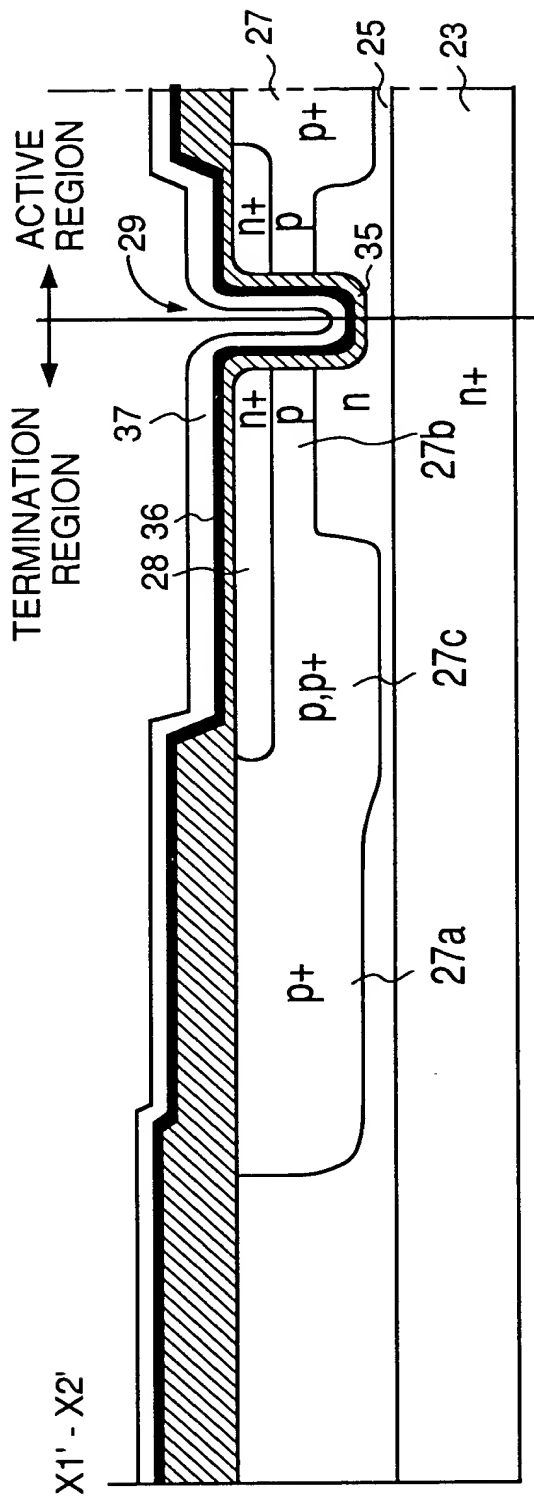


FIG. 26A

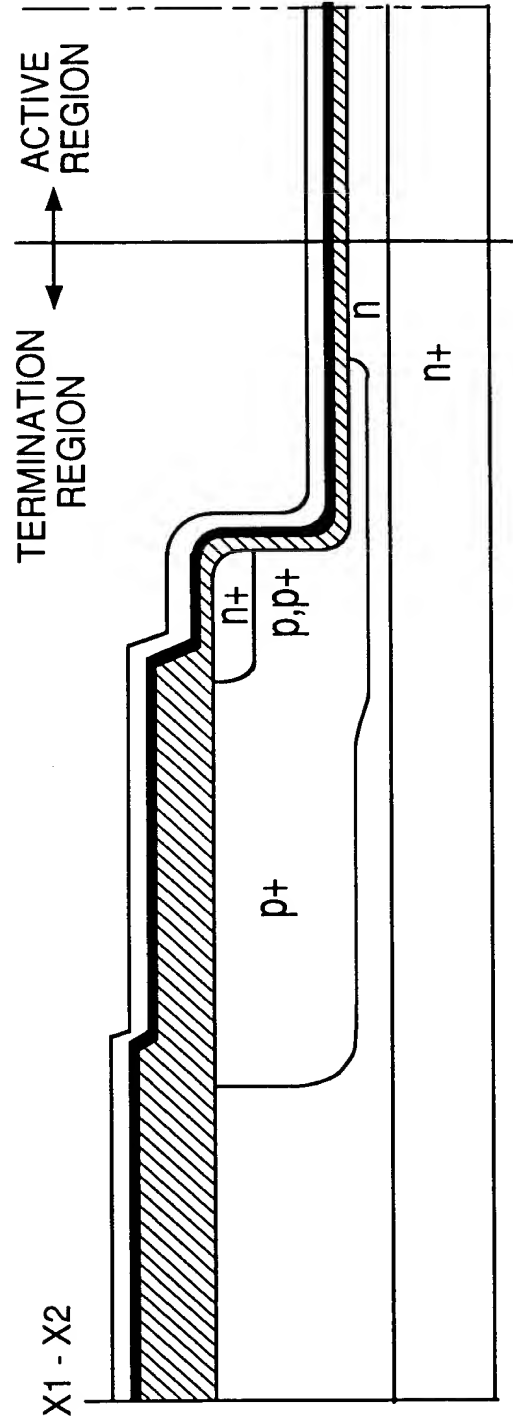


FIG. 26B

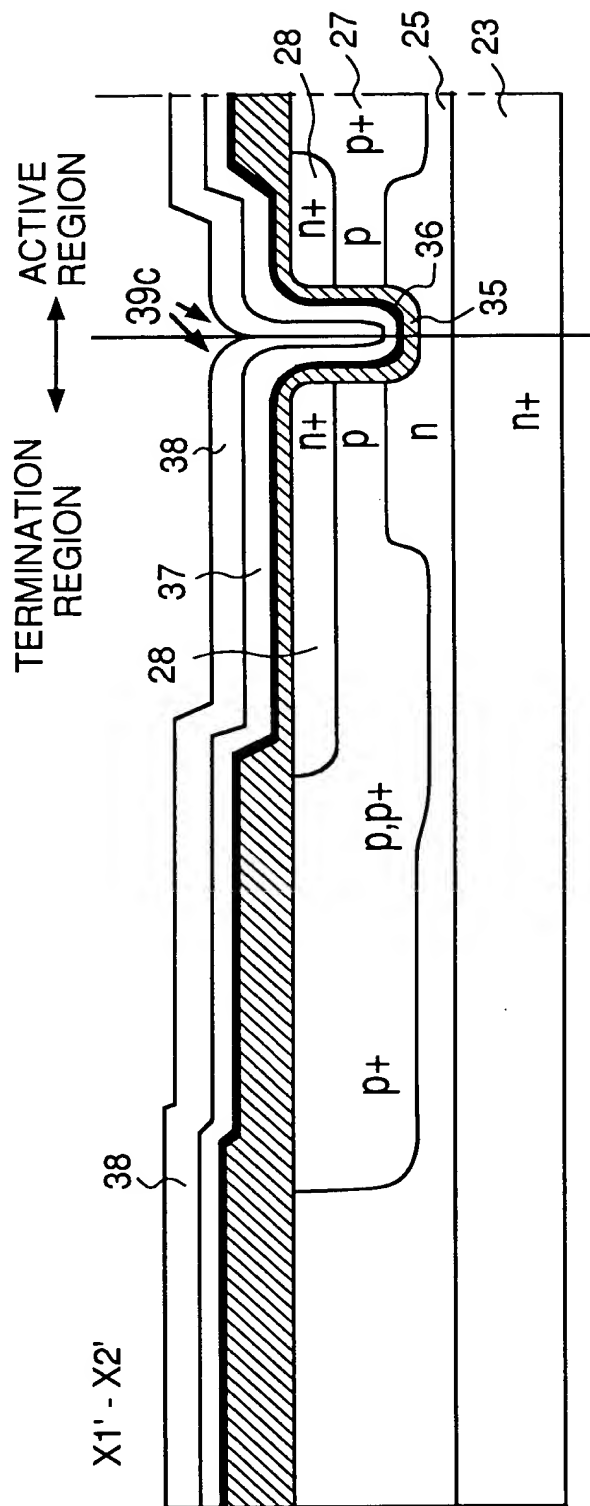


FIG. 27A

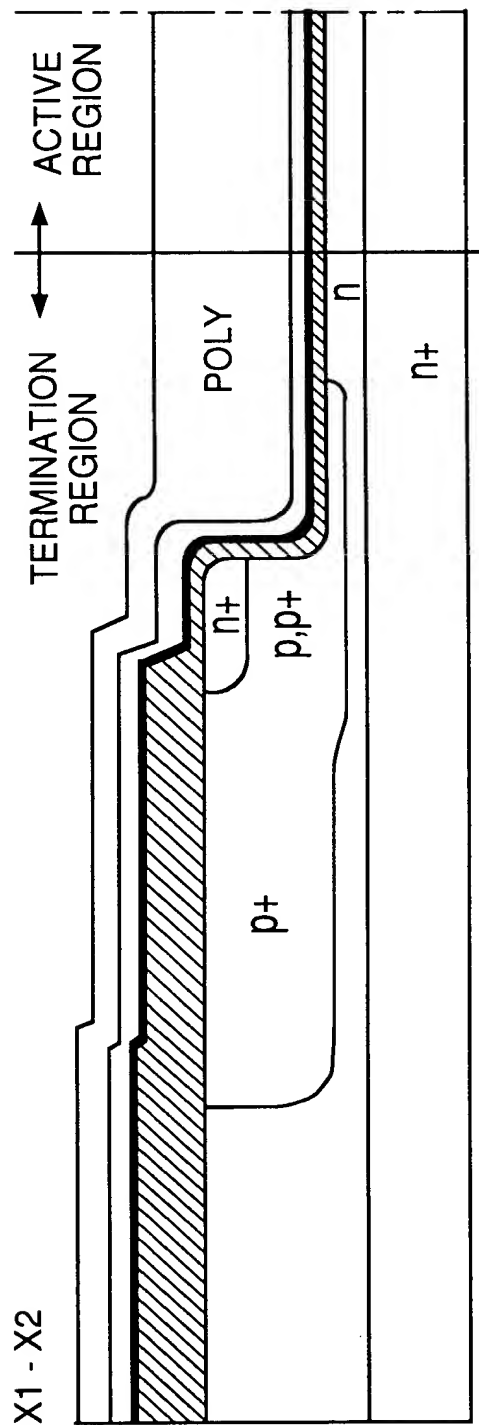


FIG. 27B

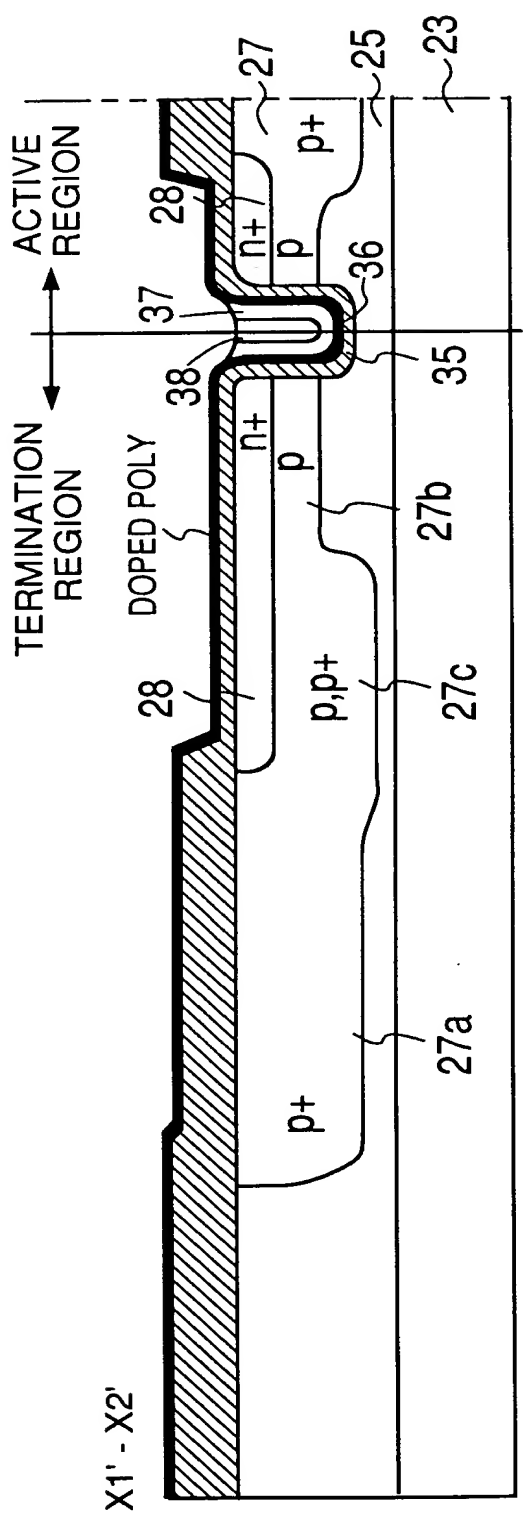


FIG. 28A

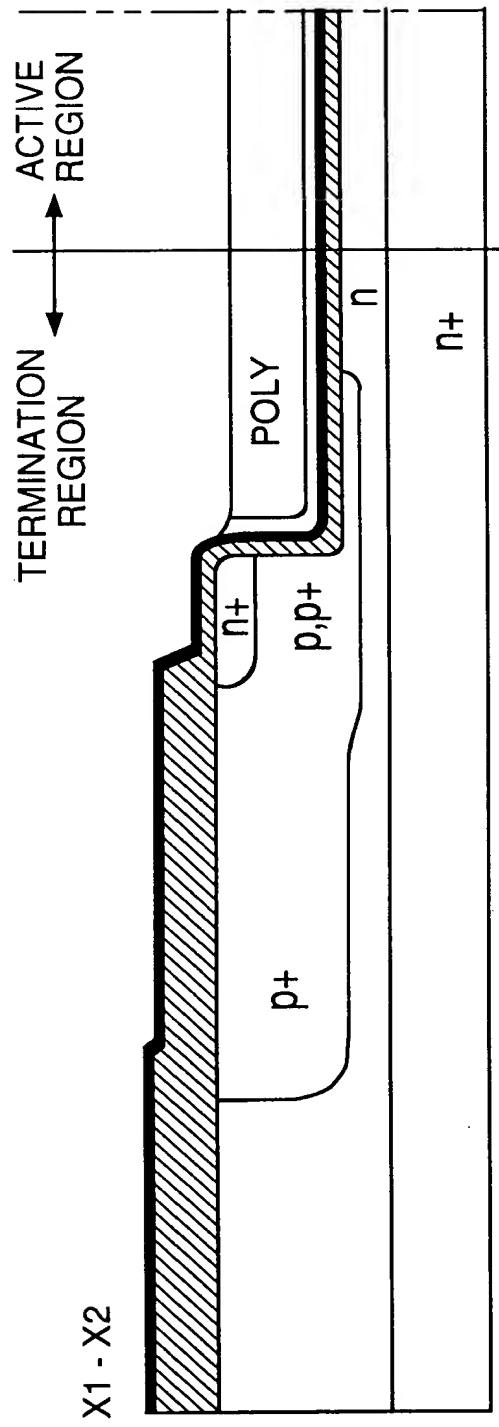


FIG. 28B

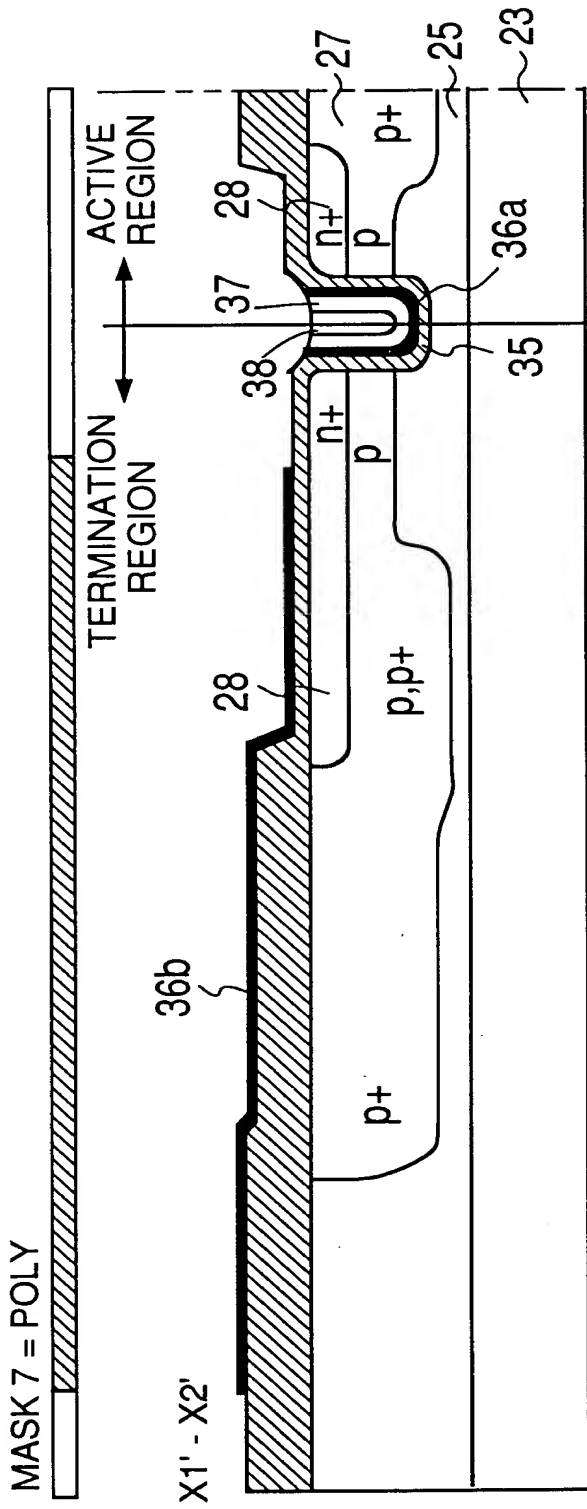


FIG. 29A

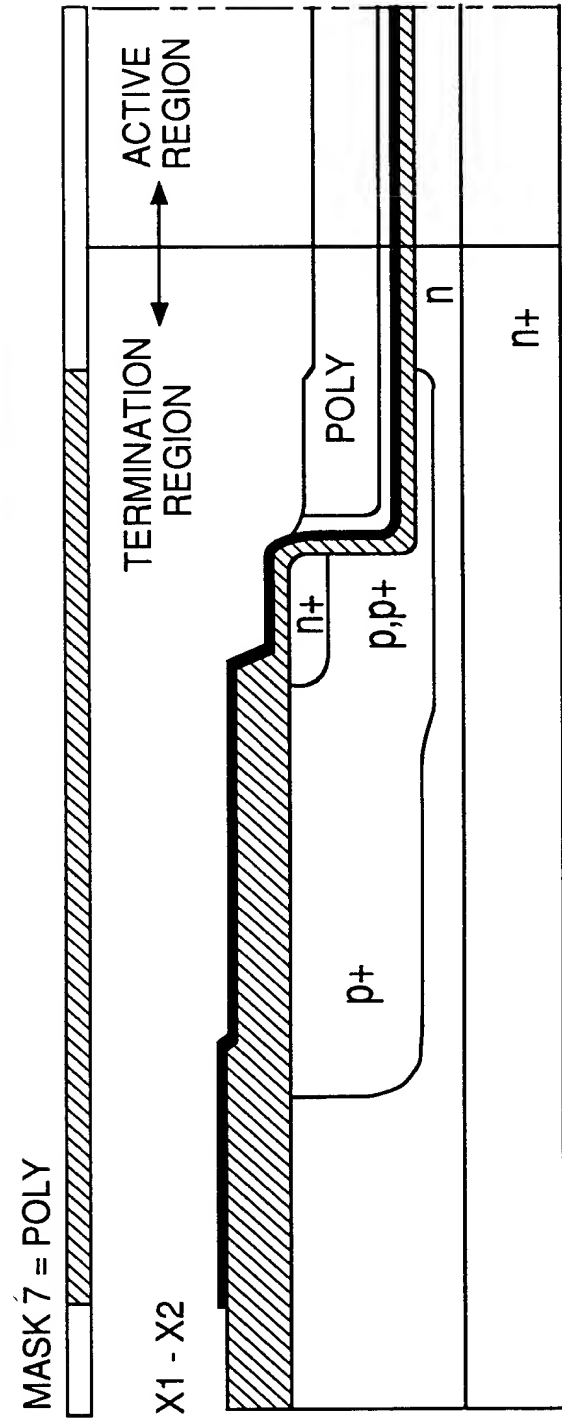


FIG. 29B

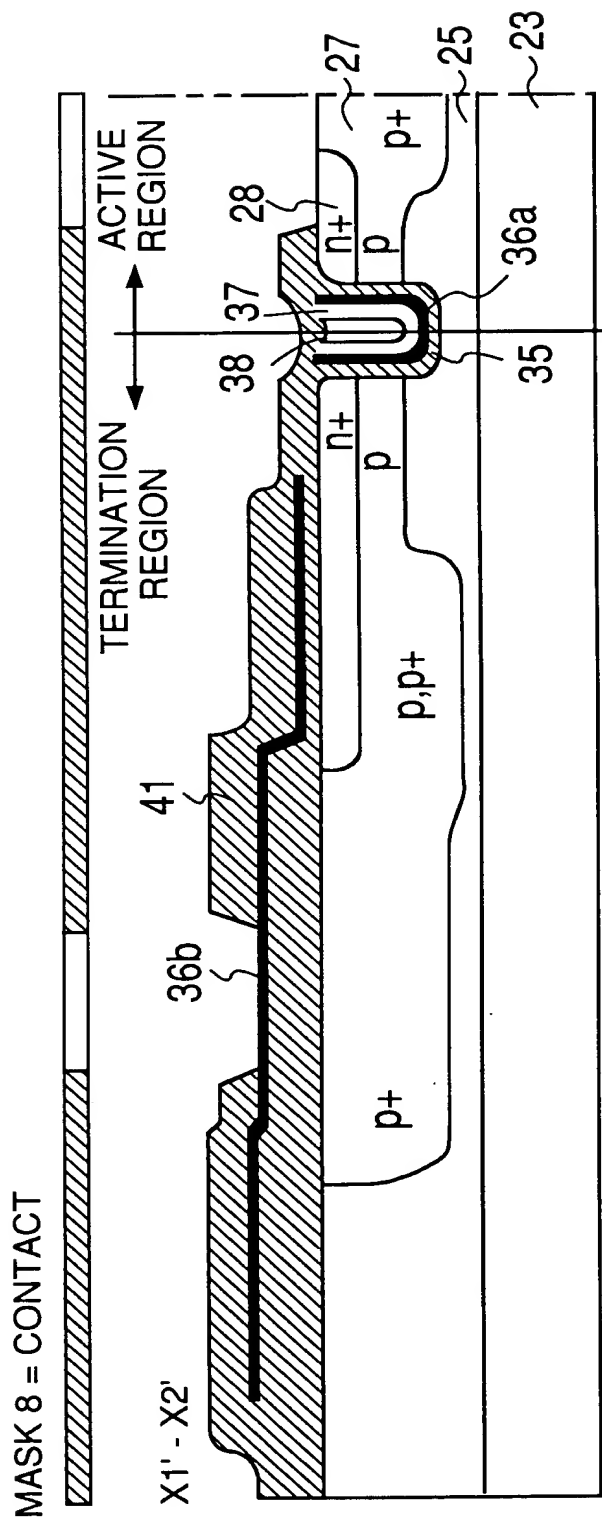


FIG. 30A

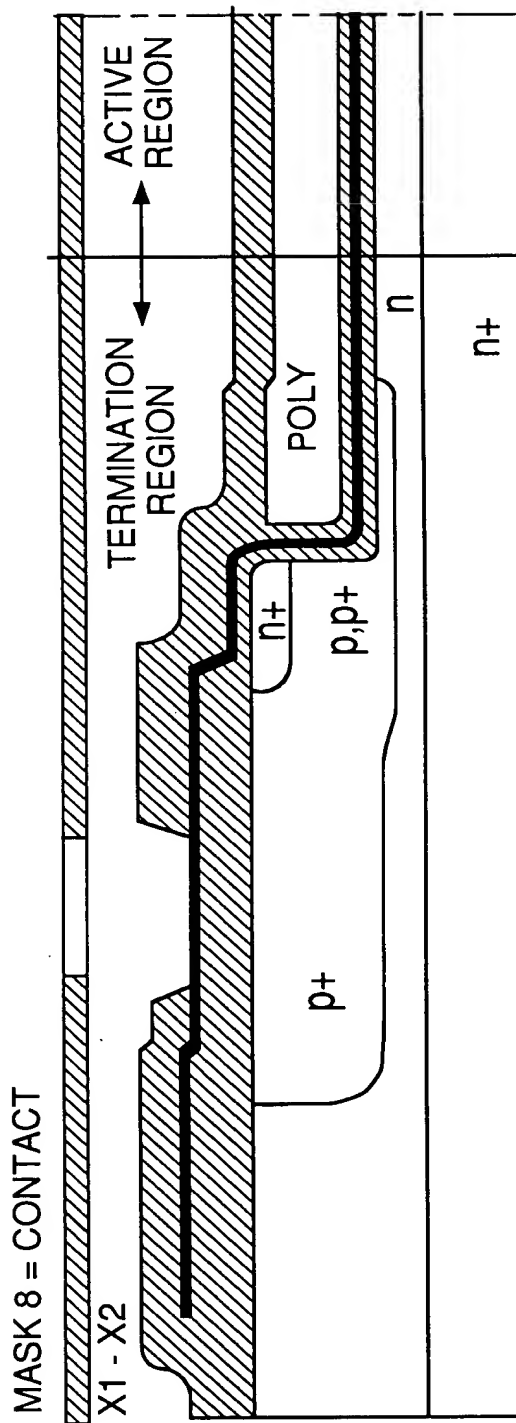


FIG. 30B

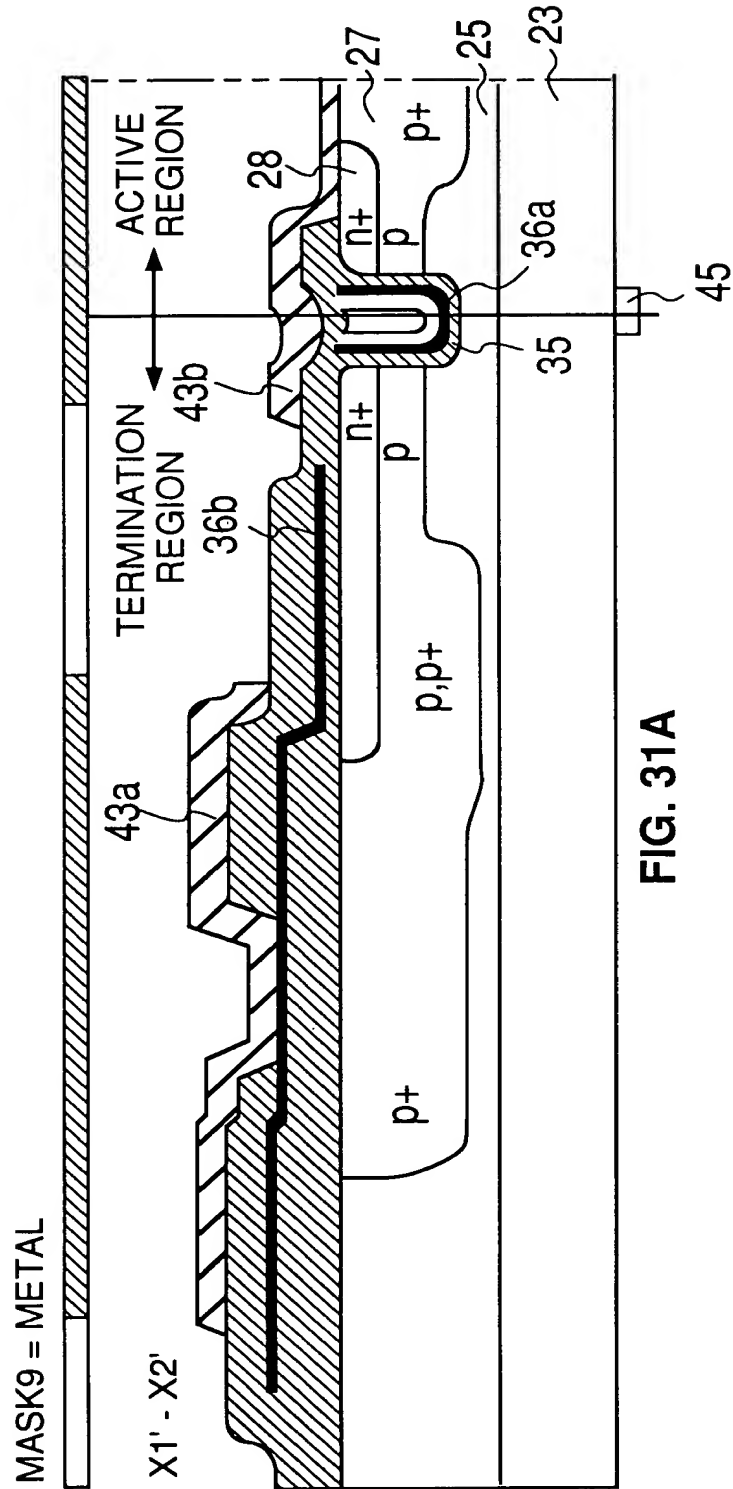


FIG. 31A

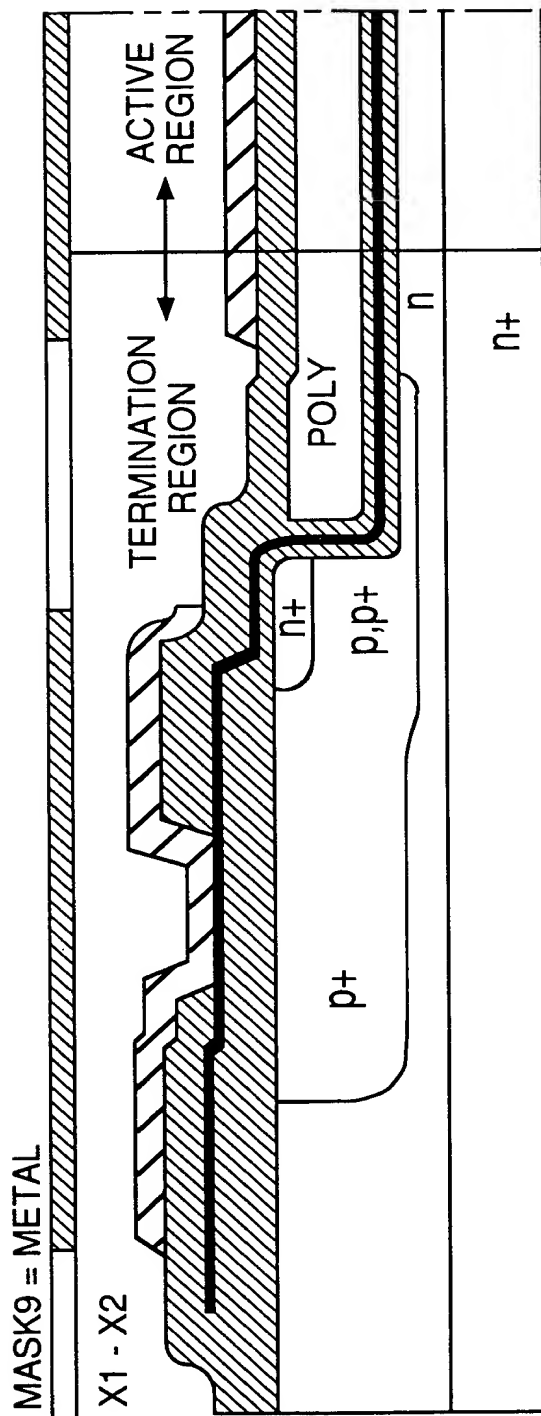


FIG. 31B

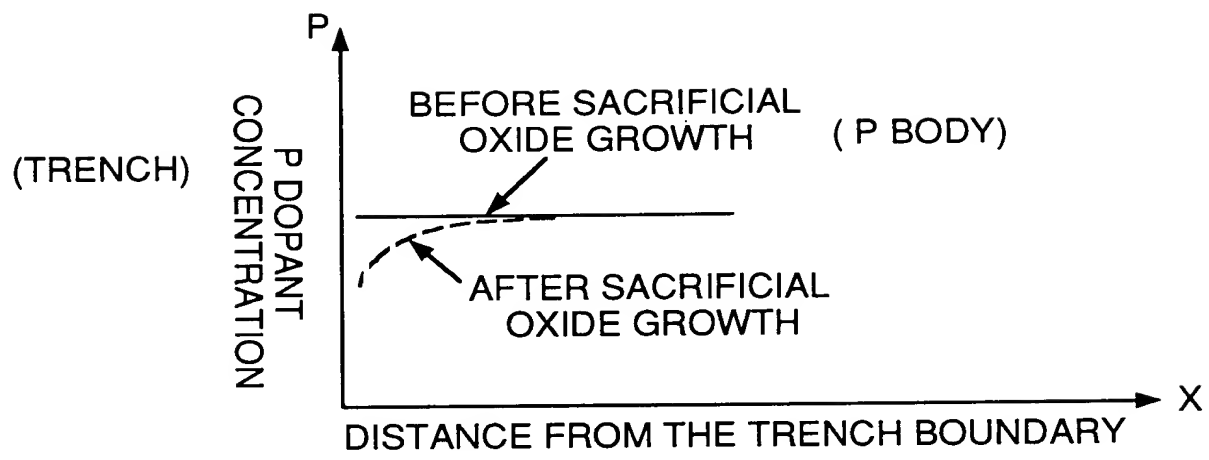


FIG. 32

DEVICE, RDSON SIMULATION - G32

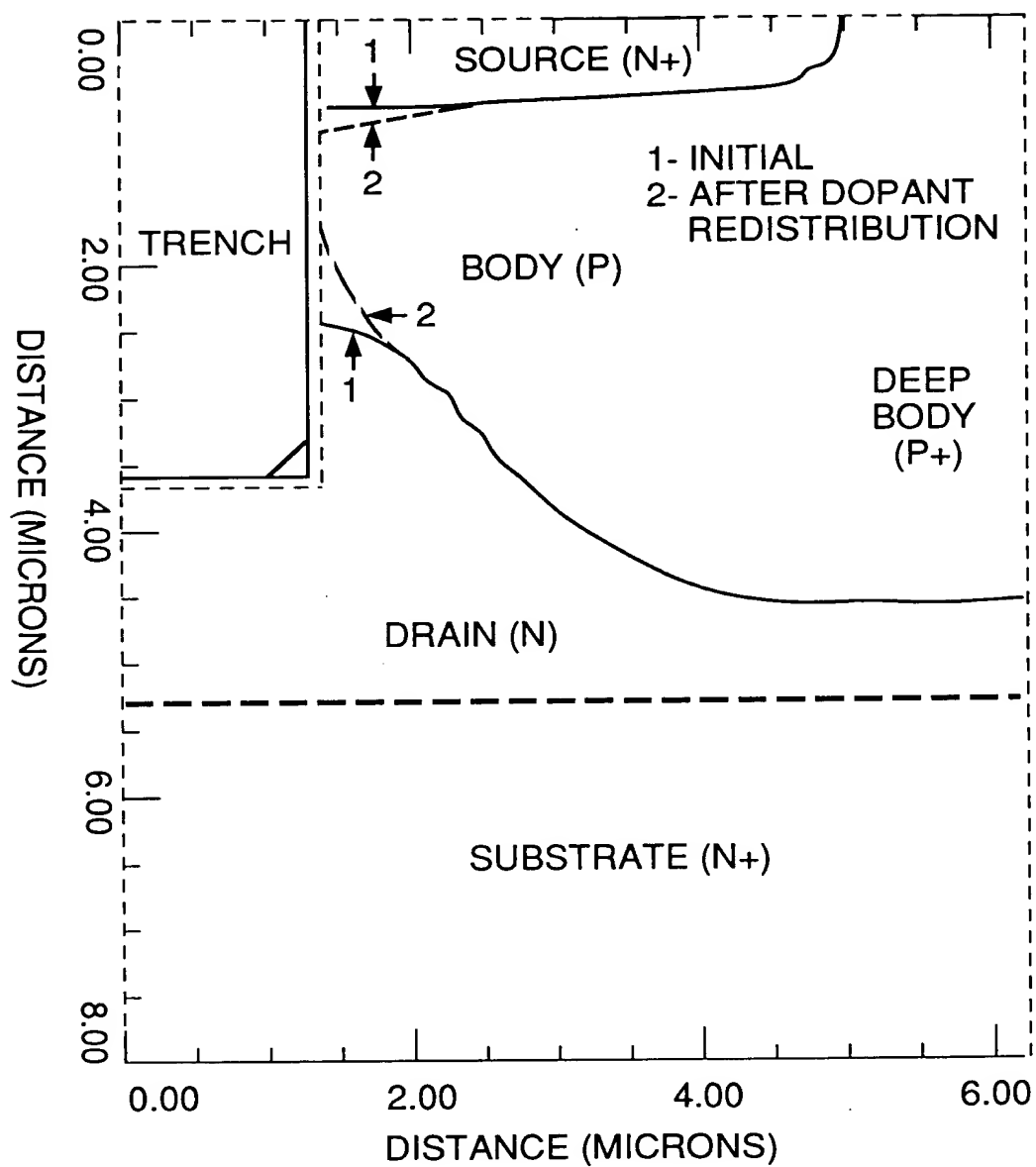


FIG. 33